



PRINCE

**AMBEDKAR INSTITUTE OF TECHNOLOGY |
SHAKARPUR NEW DELHI - 110092**

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DEPARTMENT

Computer Engineering

SEMESTER - 5

ROLL. NO.

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SUBJECT

Computer workshop - III

SUBMITTED TO

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Expt. No. _____

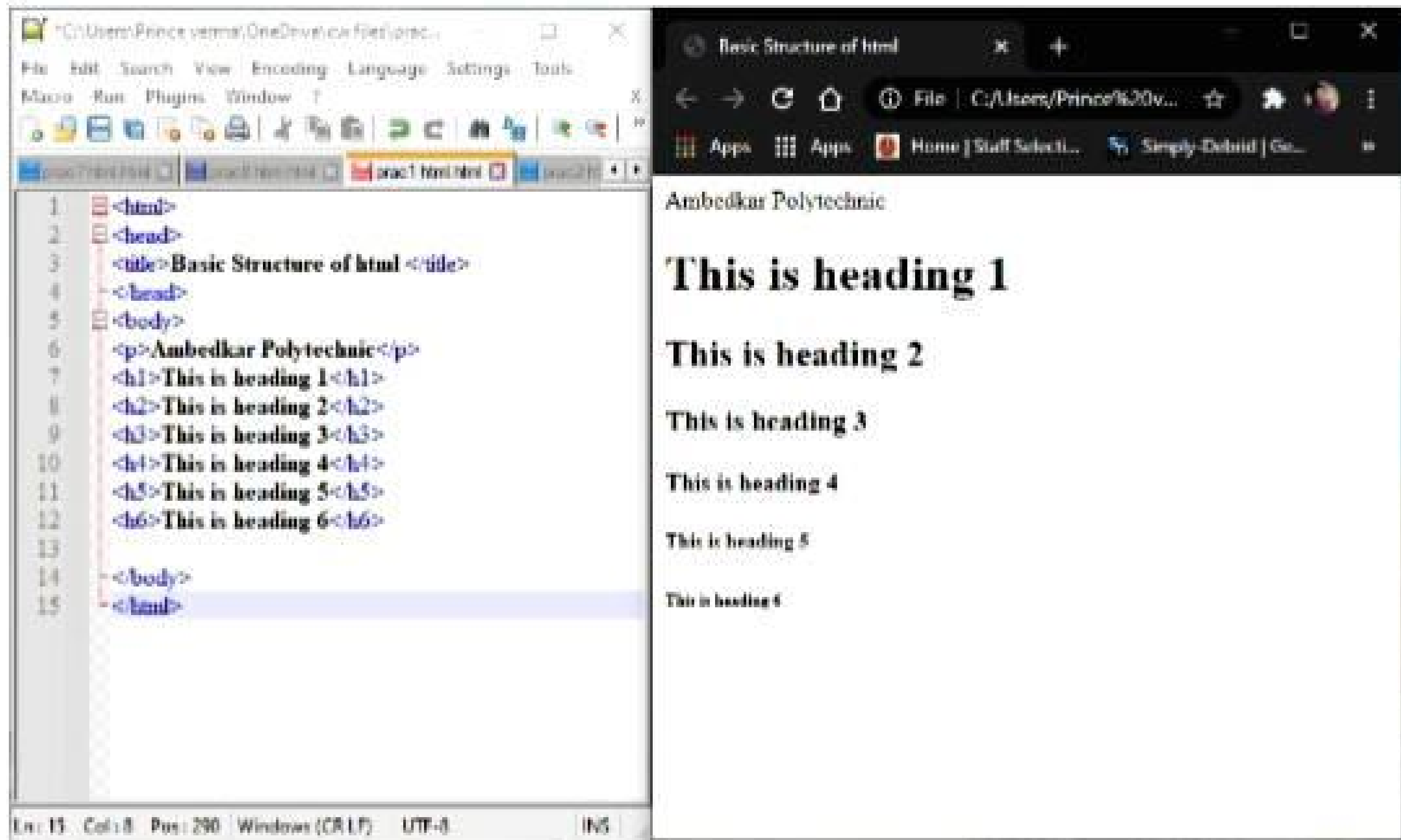
Date _____

Page _____

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Teacher's Sign: _____

1



Aim - Write HTML tags and their functions for creating a basic structure of a HTML document.

S/W required - Notepad, Any web browsers (chrome, IE, opera, firefox)

Basic Elements

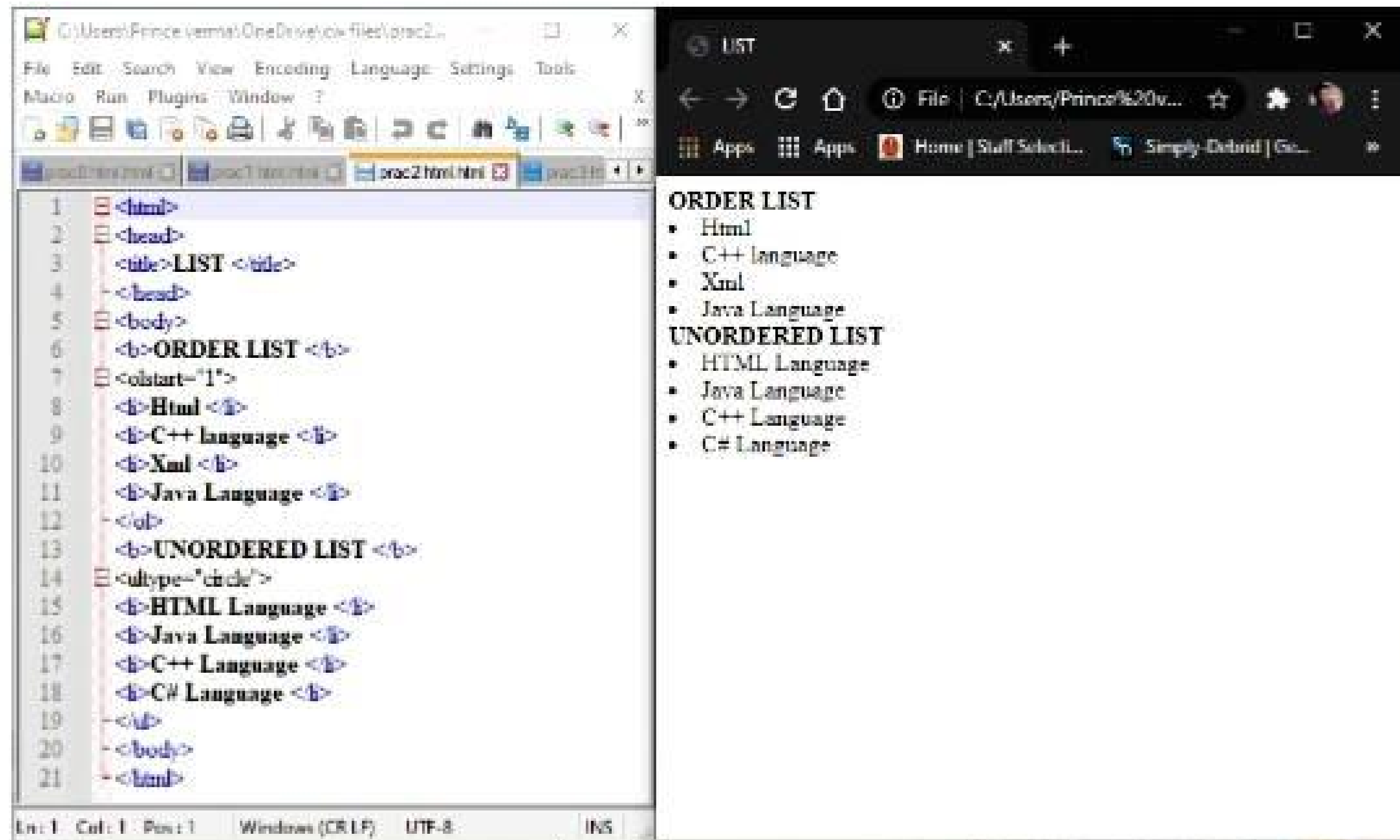
Title	Tag	Description
HTML header	<html>...</html>	Document root element beginning & end of file.
Tag		
Title	<title>...</title>	Document title tag
Head	<head>...</head>	Descriptive info, such as title.
Body	<body>...</body>	Bulk of the page body of document.
Heading	<h1>...</h1>	Heading are defined with <h1> to <h6> tags
Paragraphs	<p>...</p>	tag that contain a paragraph.
Links	<a>...	Links are defined with <a> tag.

Procedure

- Open the Notepad
- Then type the following code
- After this save file as .htm or .html extension. e.g. - prince.html
- Now it saves as webpage. open the webpage by any web browser.

Output You can see the input and output here.

Teacher's Sign:



The image shows a code editor window on the left and a browser window on the right. The code editor displays HTML code for a page titled "LIST". The code includes an ordered list and an unordered list. The browser window shows the rendered output of this code.

```
1 <html>
2 <head>
3 <title>LIST </title>
4 </head>
5 <body>
6 <b>ORDER LIST </b>
7 <ol start="1">
8 <li>Html </li>
9 <li>C++ language </li>
10 <li>Xml </li>
11 <li>Java Language </li>
12 </ol>
13 <b>UNORDERED LIST </b>
14 <ul type="circle">
15 <li>HTML Language </li>
16 <li>Java Language </li>
17 <li>C++ Language </li>
18 <li>C# Language </li>
19 </ul>
20 </body>
21 </html>
```

The browser window displays the rendered output of the HTML code. It shows a page titled "LIST" with two sections: "ORDER LIST" and "UNORDERED LIST". The "ORDER LIST" section contains a numbered list of four items: "Html", "C++ language", "Xml", and "Java Language". The "UNORDERED LIST" section contains a bulleted list of four items: "HTML Language", "Java Language", "C++ Language", and "C# Language".

Aim Write HTML tags with syntax which are used to create list, create ordered and unordered list with example of these tags.

Soft req. Notepad, Any web browser (chrome / Firefox / IE / opera)

Basic Elements

Title	Tag	Description
Ordered list	<code>...</code>	It starts with numbers as characters.
Numbering type	<code><ol type="1/a/A/i/1"></code>	Type of numbering by default = 1.
Starting no.	<code><ol start="?"></code>	Starting number for the list.
Unordered list	<code>...</code>	It starts with bullets.
Bullet type	<code><ul type="disc/circle"></code>	Shape of bullet.
List items	<code>...</code>	Each list item start & end with <code>...</code>

Procedure

- Open the Notepad.
- Then type the following code.
- Now save file as *.htm or *.html extension. ex:- ~~prae2~~ prae2.html
- Now it saves as webpage. open the webpage by any browser.

Output You can see the input and output here.

Teacher's Sign:

The image shows a Notepad++ window on the left with the following HTML code:

```
1 <html>
2 <head>
3 <title>Formatting Tags </title>
4 </head>
5 <body><center><h1>
6 <font face="Chiller" size="20" color="red">
7 AMBEDKAR POLYTECHNIC
8 </h1></center><br>
9 <font face="Arial" size="17" color="GREEN"><b>
10 SHAKARPUR
11 </b></font></br>
12 <font face="Times" size="5" color="silver"><b><u>
13 DELHI-110092
14 </u></font></br></br>
15 <b>DATE:30<sup>th</sup></b><b>JULY - 2014 <b>
16 </br></br>Page No:- 01 </center>
17 </body>
18 </html>
```

The browser window on the right displays the rendered output:

AMBEDKAR POLYTECHNIC
SHAKARPUR
DELHI-110092
DATE:30thJULY - 2014
Page No:- 01

Aim Write HTML tags with their syntax for formatting the text in a HTML document.

Slw req. Notepad, Any web browser (chrome, Firefox, opera, IE)

Basic Elements

Title	Tag	Description
Bold	<code>... </code>	Defines bold text only.
Italic	<code><i>... </i></code>	Defines italic text only.
Underline	<code><u>... </u></code>	Underline text only.
Superscript	<code><sup>... </sup></code>	Superscript text or no.
Subscript	<code><sub>... </sub></code>	Subscript text or no.
Preformatted	<code><pre>... </pre></code>	Display text spacing.
width	<code>< width = "number" ></code>	width in no or percentage
height	<code>< height = "number" ></code>	Height in no or percentage
font size	<code>< font size = "20" ></code>	Local font size text
font colour	<code>< font color = "red" ></code>	Control font color text is changed into red.
Select font	<code>< font face = "Arial" ></code>	Font text style changed into Arial
Blinking	<code>< blink >... </ blink ></code>	Blinking text (only in opera)
Center	<code>< center >... </ center ></code>	Centre text and image.
Next line	<code>< br ></code>	Next line or break line

Procedure

- Open the Notepad
- Then type the following code.

Teacher's Sign:

The image shows a Notepad++ window on the left and a browser window on the right. The Notepad++ window displays the following HTML code:

```
1 <html>
2 <head>
3 <title>Ambedkar Polytechnic</title>
4 </head>
5 <body><center><font face= "Times"
6 <size=2 color= Red>
7 <h1>Ambedkar Polytechnic </h1>
8 <img src= "amb.jpg" alt= "Ambedkar Polytechnic"
9 <width= "320" height= "240" ><br><br><b>
10 <a href= "http://www.ambp.in/">
11 Visit AMBEDKAR POLYTECHNIC Website
12 </a></font>
13 </body>
14 </html>
```

The browser window on the right shows the rendered output of this code. At the top, the text "Ambedkar Polytechnic" is displayed in red. Below it is a circular logo featuring a gear, a book, and a lamp, surrounded by a laurel wreath. A blue banner at the bottom of the logo contains the text "AMBEDKAR INSTITUTE OF TECHNOLOGY". Below the logo, the text "Visit AMBEDKAR POLYTECHNIC Website" is displayed in blue.

Aim Write HTML tags with their syntax for creating Hyperlinks, images, graphics in HTML documents.

sw req. Notepad, Any browser (chrome / Firefox / opera / IE)

Basic Elements

Title	Tags	Description
Display image	<pre></pre>	<p>The tag is empty, which means that it contains attributes only, & has no closing tags.</p> <p>To display image, you need to use src attribute. src stand for = source. its value is the URL of image that you want to display.</p>
Background Sound	<pre><bg sound src="url"> ... </bg sound></pre>	<p>plays sound at indicated URL in background.</p>
Hyperlink	<pre> Visit Google </pre>	<p>A hyper link is a word, group of words or image that you can click on to jump to another document. when you move the cursor over a link in webpage, the arrow will turn into a webpage little hand.</p>

Teacher's Sign:

The image shows two windows side-by-side. The left window is Notepad++ with the following HTML code:

```

1 <html>
2 <head><title>Table tags </title></head>
3 <body><center><b>
4 <font face="Arial" font size="18" font color="Black">
5 Peripheral Device List and Price
6 </b></center></body>
7 <table align="center" font="times" table border="1"
8 bordercolor="BLACK" cellpadding="5">
9 <tr><th>S.No</th><th>Name</th><th>Price</th></tr>
10 <tr><td align="center">001</td><td>Keyboard</td><td align="right">450</td></tr>
11 <tr><td align="center">002</td><td>Mouse</td><td align="right">250</td></tr>
12 <tr><td align="center">003</td><td>Pendrive 16GB</td><td align="right">500</td></tr>
13 <tr><td align="center">004</td><td>HardDisk 500GB</td><td align="right">2500</td></tr>
14 <tr><td align="center">005</td><td>Monitor</td><td align="right">8500</td></tr>
15 <tr><td align="center">006</td><td>Sata Cable</td><td align="right">500</td></tr>
16 <tr><td align="center">007</td><td>SMPS</td><td align="right">1500</td></tr>
17 </table>
18 </body>
19 </html>

```

The right window is a browser displaying the rendered output:

Peripheral Device List and Price

S.No	Name	Price
1	Keyboard	450
2	Mouse	250
3	Pendrive 16GB	500
4	HardDisk 500GB	2500
5	Monitor	8500
6	Sata Cable	500
7	SMPS	1500

Aim Write HTML tags with their syntax for creating table in a HTML document.

slu req Notepad, Any web browser (chrome / Firefox / opera / IE)

Basic Elements

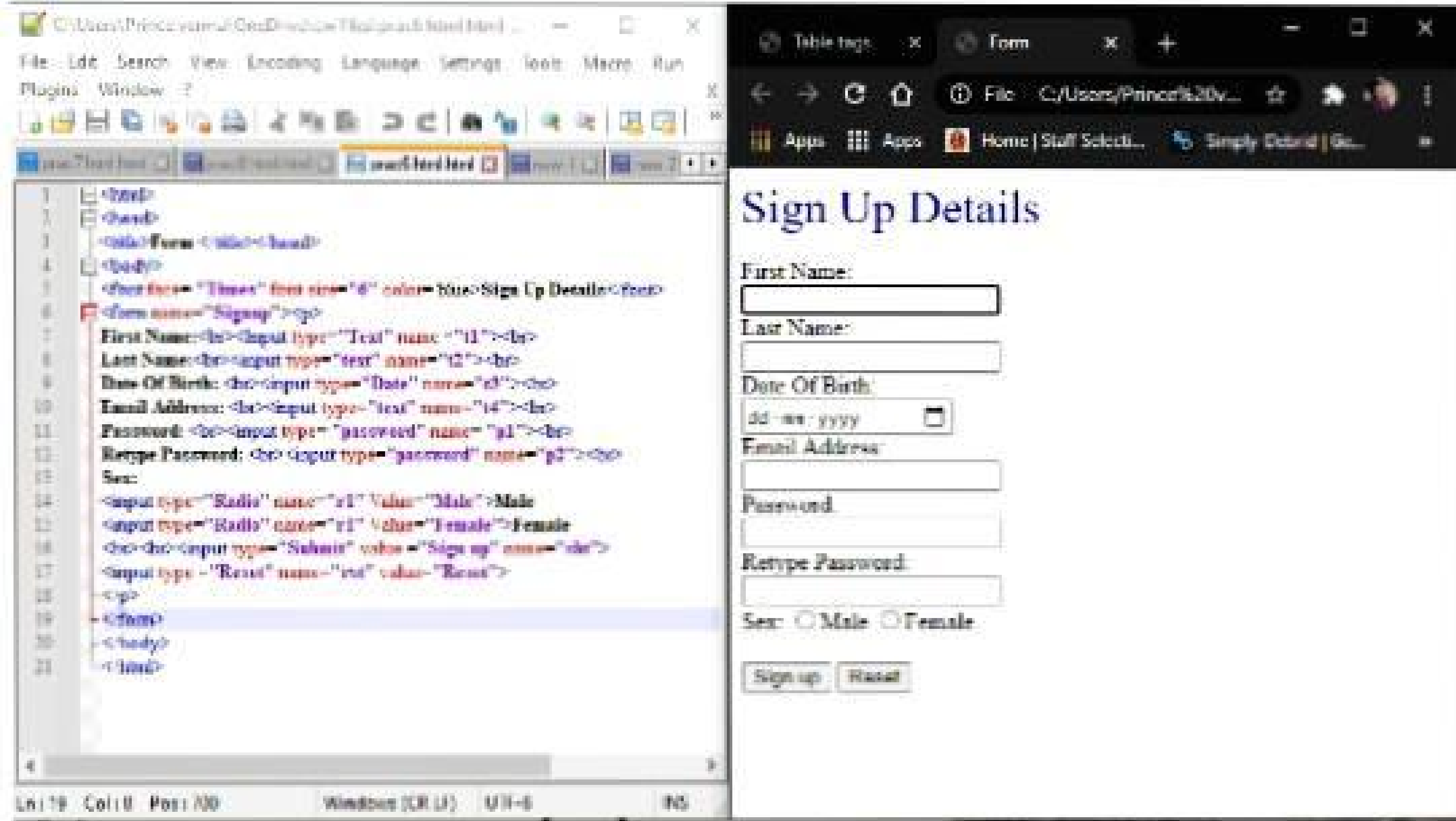
Title	Tags	Description
Define table	<code><table> ~ </table></code>	start of table
Table alignment	<code><table align="center/right/left"></code>	Align table in browser.
Table border	<code><table border="1"></code>	Display table with border
Table cell	<code><td> ~ </td></code>	Each row is divided into cells
Header cell	<code><th> ~ </th></code>	Table cell header information
Table row	<code><tr> ~ </tr></code>	Table is divided into rows.
cell spacing	<code><table cellspacing="?"></code>	place specific space b/w cells
cell padding	<code><table cellpadding="?"></code>	place specific amount of space b/w cell border and content.

Procedure

- Open the Notepad.
- Then type the following code.
- After this save it with `.htm` or `.html` extension, Ex: `prac1.htm`
- Now it saved as webpage. Open webpage by any browser.

Output You can see the input and output here.

Teacher's Sign:



Aim Write HTML tags with their syntax for creating forms in a HTML document.

slw req Notepad, Any web browsers (chrome / firefox / opera / IE)

Basic Elements

Title	Tags	Description
Define form	<code><form>...</form></code>	Signals the start of a form.
Text box	<code><input type="text" name="?" ></code>	Defines one-line input field that user can enter text info. default width = 20 char.
Password	<code><input type="password"></code>	The characters are masked (by stars) shown by stars.
Radio button	<code><input type="radio" name="?" ></code>	It allows user to select only one of a no. of choices.
checkboxes	<code><input type="checkbox" name="?" ></code>	It let a user to select zero or more than one choice. of a limited no of choices.
Submit button	<code><input type="submit" value="submit" ></code>	It is used to send form data data to server. The data is sent to the page specified in the form action attribute. The field find the action attribute usually does something with the received input.

Teacher's Sign:

The image shows a code editor window on the left and a browser window on the right. The code editor displays the following HTML code:

```

1 <html>
2 <head>
3 <title>Frames </title>
4 </head>
5 <frameset rows="50%,50%">
6 <frameset cols="60%,40%">
7 <frame src="prac1.html.html" />
8 <frame src="prac2.html.html" />
9 </frameset>
10 <frameset cols="40%,60%">
11 <frame src="prac3.html.html" />
12 <frame src="amb.jpg" />
13 </frameset>
14 </html>

```

The browser window displays the rendered output of the frameset. It features a title "Ambedkar Polytechnic" and four headings: "This is heading 1", "This is heading 2", "This is heading 3", and "This is heading 4". To the right of the headings is an "ORDER LIST" and an "UNORDERED LIST" of programming languages. At the bottom, there is a logo for Ambedkar Polytechnic featuring a lamp and an open book, with the text "AMBEDKAR POLYTECHNIC SHAKA DELHI-110092".

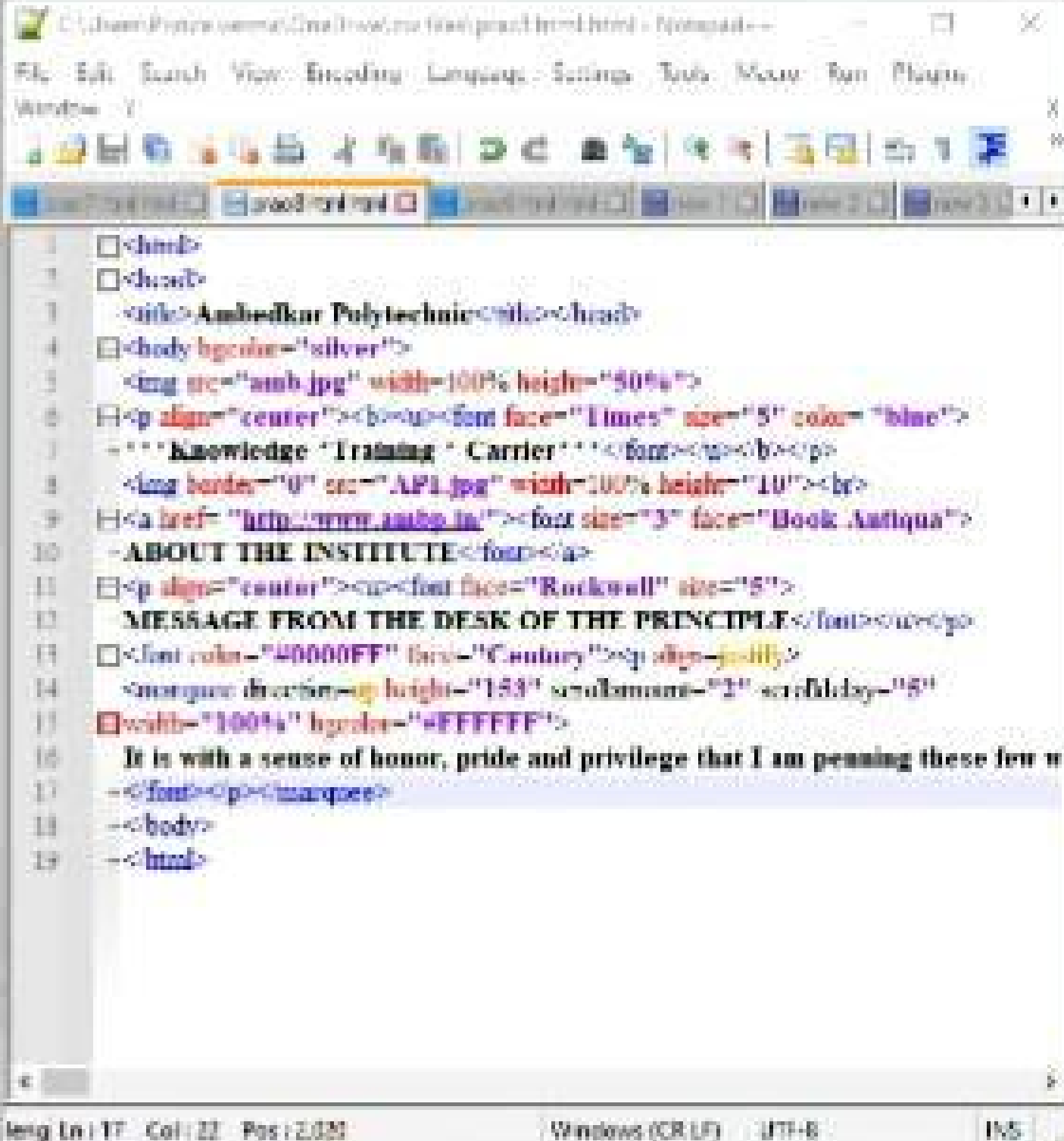
Aim Write HTML tags with their syntax for creating frames in HTML document.

slw req Notepad, Any web browser (chrome/ opera/ Firefox/ IE)

Basic Element

Title	Tags	Description
Document Frame	<code><frameset cols = " *% , *% , *% , *% "></code> <code><frameset rows = " *% , *% , *% "></code> <code><frame set></code>	The <code><frame></code> defines one particular window (frame) within a frameset. Each frame in a frameset can have different attributes, such as border, scrolling, the ability to resize etc.
Inline frame	<code><iframe src = "URL"></code> <code></iframe></code>	The URL points to the location of the separate page.
Attributes	<code><frame src = " *.htm "</code> <code>width = * height = * ></code>	The height & width attributes are used to specify the height & width of the frame. the attribute values are specified in pixels by default. they can also be in percent. (%)
Scrollbar	<code><frame scrolling = "yes/no/ Auto" ></code>	set the scroll in the frames.


Teacher's Sign:



```

1 </html>
2 </head>
3 <title>Ambedkar Polytechnic</title></head>
4 <body bgcolor="silver">
5 
6 <p align="center"><b><u><font face="Times" size="5" color="blue">
7 *** Knowledge * Training * Carrier ***</font></u></b></p>
8 <br>
9 <a href="http://www.ambp.in"><font size="3" face="Book Antiqua">
10 -ABOUT THE INSTITUTE</font></a>
11 <p align="center"><p><font face="Rockwell" size="15">
12 MESSAGE FROM THE DESK OF THE PRINCIPLE</font></p>
13 <font color="40000FF" size="Century"><p align="justif">
14 <strong direction="up" height="153" scrollmargin="2" scrollrate="15"
15 width="100%" bgcolor="FFFFFF">
16 It is with a sense of honor, pride and privilege that I am penning these few n
17 </font></p></strong>
18 </body>
19 </html>


```



Ambedkar Polytechnic

File | C:\Users\Prince\K20e...

Home | Staff Select... | Simply-Debrid | Go...



*****Knowledge * Training * Carrier*****

ABOUT THE INSTITUTE

MESSAGE FROM THE DESK OF THE PRINCIPLE

delighted to say that many of our former students are now holding enviable positions in premier organizations in the country and abroad. They are a live testimony to the devotion, determination, and diligence that have been the hallmark of

Aim Write HTML document by using various tags to create a webpage of your college.

sto req Notepad, Any browser (chrome/firefox/opern/IE)

Procedure

- Open the Notepad.
- Keep some images of institute in some folder where the web page is saved.
- Then type the following code.
- After that save file as *.htm or *.html extension.
Eg - prac8.html
- Now it saves as webpage. open the webpage by any latest version of web browser.

Output You can see the Input and Output here.

Teacher's Sign:

The image shows two windows side-by-side. The left window is Notepad++ with an HTML file named 'Shopping list.html'. The code is as follows:

```
1 </head>
2 </head>
3 <title>Shopping list</title>
4 </head>
5 <body>
6 <h1>Shopping list</h1>
7 <h2>List of items</h2>
8 <ul>
9 <li>2 packs of bread</li>
10 <li>Vegetables:
11 <ul>
12 <li>Carrots - 1kg</li>
13 <li>Tomato - 2kg</li>
14 </ul>
15 </li>
16 <li>Milk - 1L</li>
17 <li>Olive oil</li>
18 <li>Eggs - 1dozen</li>
19 </ul>
20 </body>
```

The right window is a browser displaying the rendered page. The page title is 'Shopping list'. The content is:

Shopping list

List of items

- 2 packs of bread
- Vegetables:
 - Carrots - 1kg
 - Tomato - 2kg
- Milk - 1L
- Olive oil
- Eggs - 1dozen

Aim Write HTML document to create a shopping list using appropriate tags.

Software Required - Notepad, Any web browser.

Basic elements - `<h1>`, `<h2>`, ``, ``, nested list.

Procedure :-

- Open the notepad.
- ~~Then~~ type the following code.

```
<html>
```

```
<head>
```

```
<title> shopping list </title>
```

```
</head>
```

```
<body>
```

```
<h1> shopping list </h1>
```

```
<h2> list of items </h2>
```

```
<ol>
```

```
<li> 2 pack of bread </li>
```

```
<li> Vegetables: <ul>
```

```
<li> Carrots - 1kg </li>
```

```
<li> Tomatoes - 2kg </li>
```

```
</ul>
```

```
</li>
```

```
<li> Milk - 1L </li>
```

```
<li> olive oil </li>
```

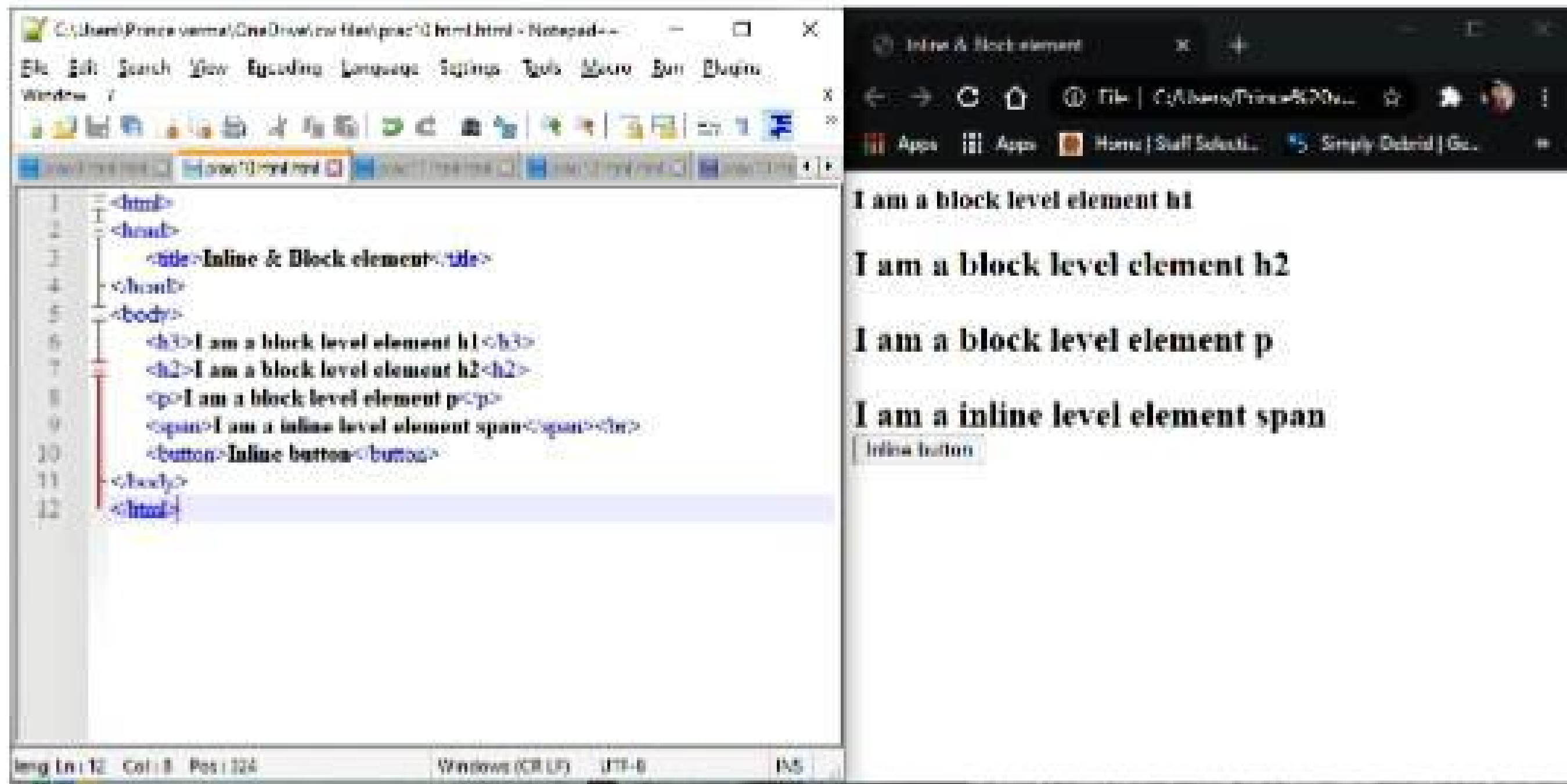
```
<li> Eggs - 1 dozen </li>
```

```
</ol>
```

```
</body>
```

```
</html>
```

Teacher's Sign:



Aim Write HTML document to demonstrate inline and block level elements.

Software Required - Notepad, Any web browser

Basic elements - `<h2>`, `<h3>`, `<p>`, ``, ``, `<button>`

1) Block level Elements - this element starts on a new line and take up the all width available.

Exg - `<address>`, `<blockquote>`, `<form>`, `<h1>`, `<h2>`, `<table>`, ``, `<p>` etc.

2) Inline Elements - It does not start on a new line and it only takes up as much width as necessary.

Exg - `<a>`, `
`, ``, `<i>`, `<input>`, ``, `<button>`, `<big>` etc.

Code

```
<html>
```

```
<head>
```

```
<title> Inline Block </title>
```

```
</head>
```

```
<body>
```

```
<h2> I am a block level element h1 </h1>
```

```
<h3> I am a block level element h3 </h3>
```

```
<p> I am a block level element p </p>
```

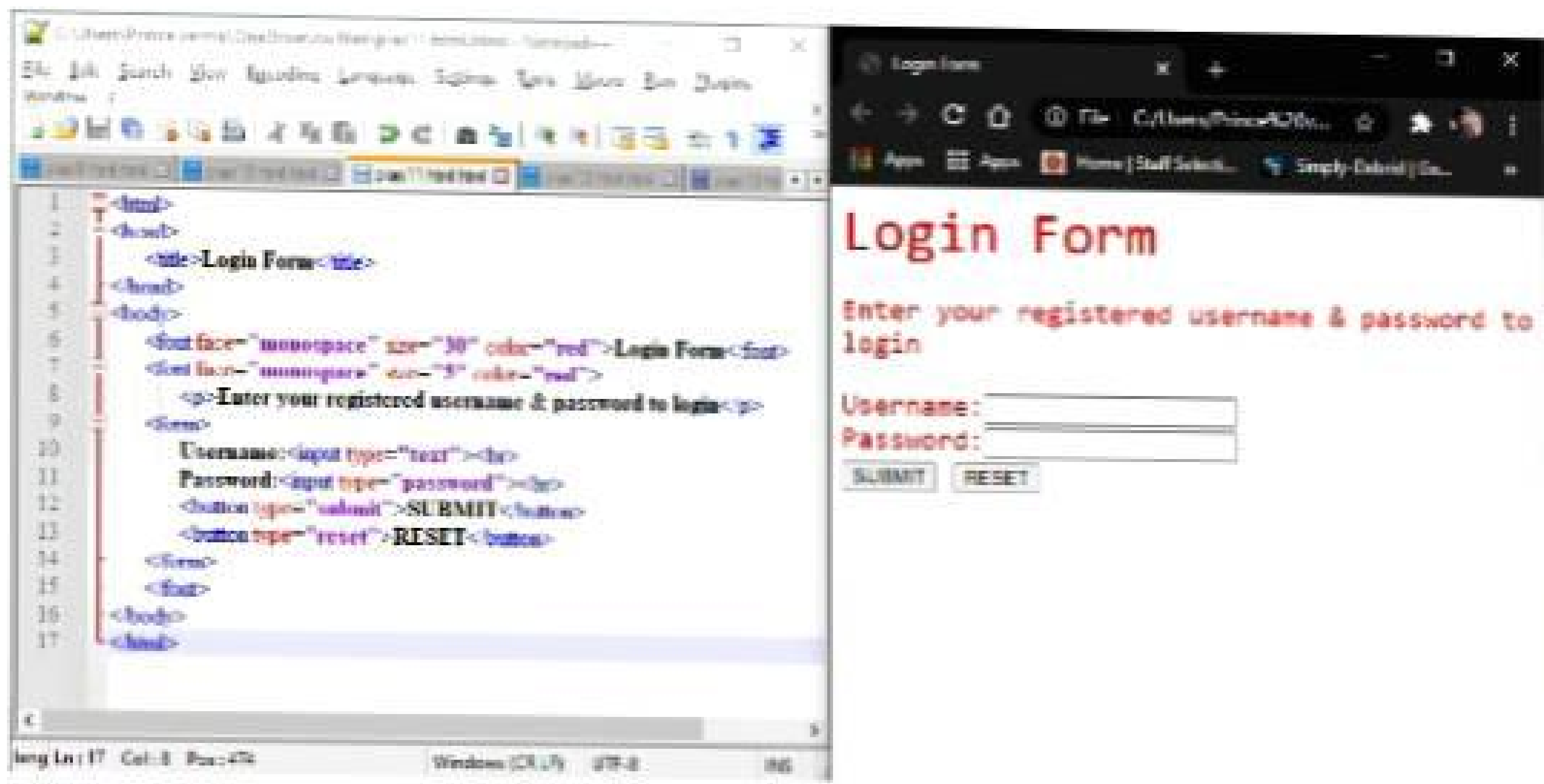
```
<span> I am a inline element span </span>
```

```
<button> Inline Button </Button>
```

```
</body>
```

```
</html>
```

Teacher's Sign:



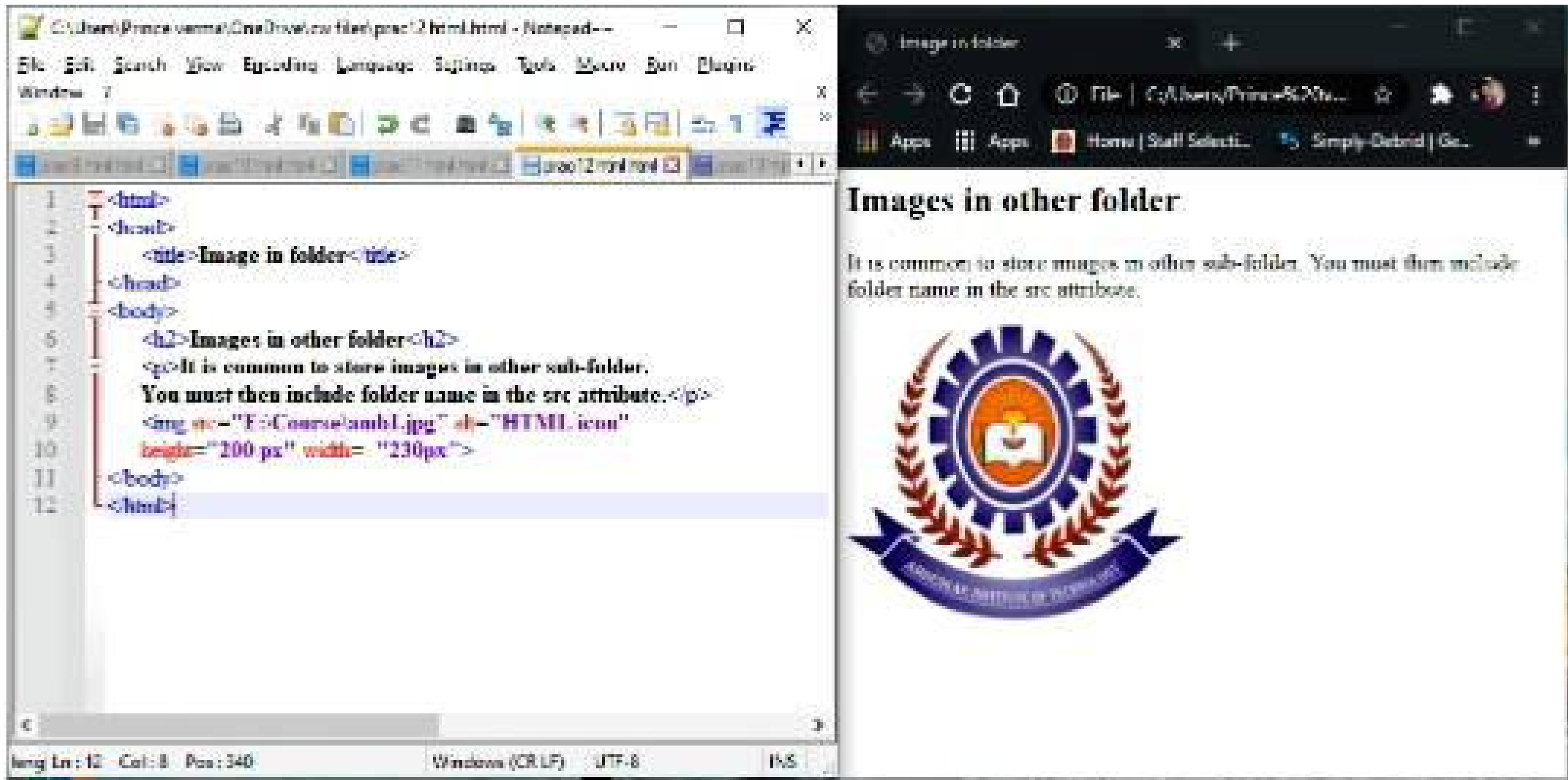
Aim

Write HTML document to create a login form with style.

Software Required - Notepad, Any web browser

Basic Elements - `<p>`, `<form>`, `<button>`, `
`Code`<html>``<head>``<title> login form </title>``</head>``<body>````<h1> login form </h1>``````<p>Enter your registered username and password to login. </p>``<form>``Username: <input type="text">
``password: <input type="password">
``<button type="submit"> SUBMIT </button>``<button type="reset"> RESET </button>``</form>````</body>``</html>`

Teacher's Sign:



Aim Write HTML document to use an image from another folder.

Software Required - Notepad, Any browser
Basic Element - , <h2>, <p>

Procedure

- open the notepad.
- Then type the following code.

```
<!doctype html >
```

```
<html >
```

```
<head >
```

```
<title > Image in folder </title >
```

```
</head >
```

```
<body >
```

```
<h2 > Images in another folder </h2 >
```

```
<p > it is common to store images in a sub-folder. You must  
then include folder name in the src attribute
```

```
</p >
```

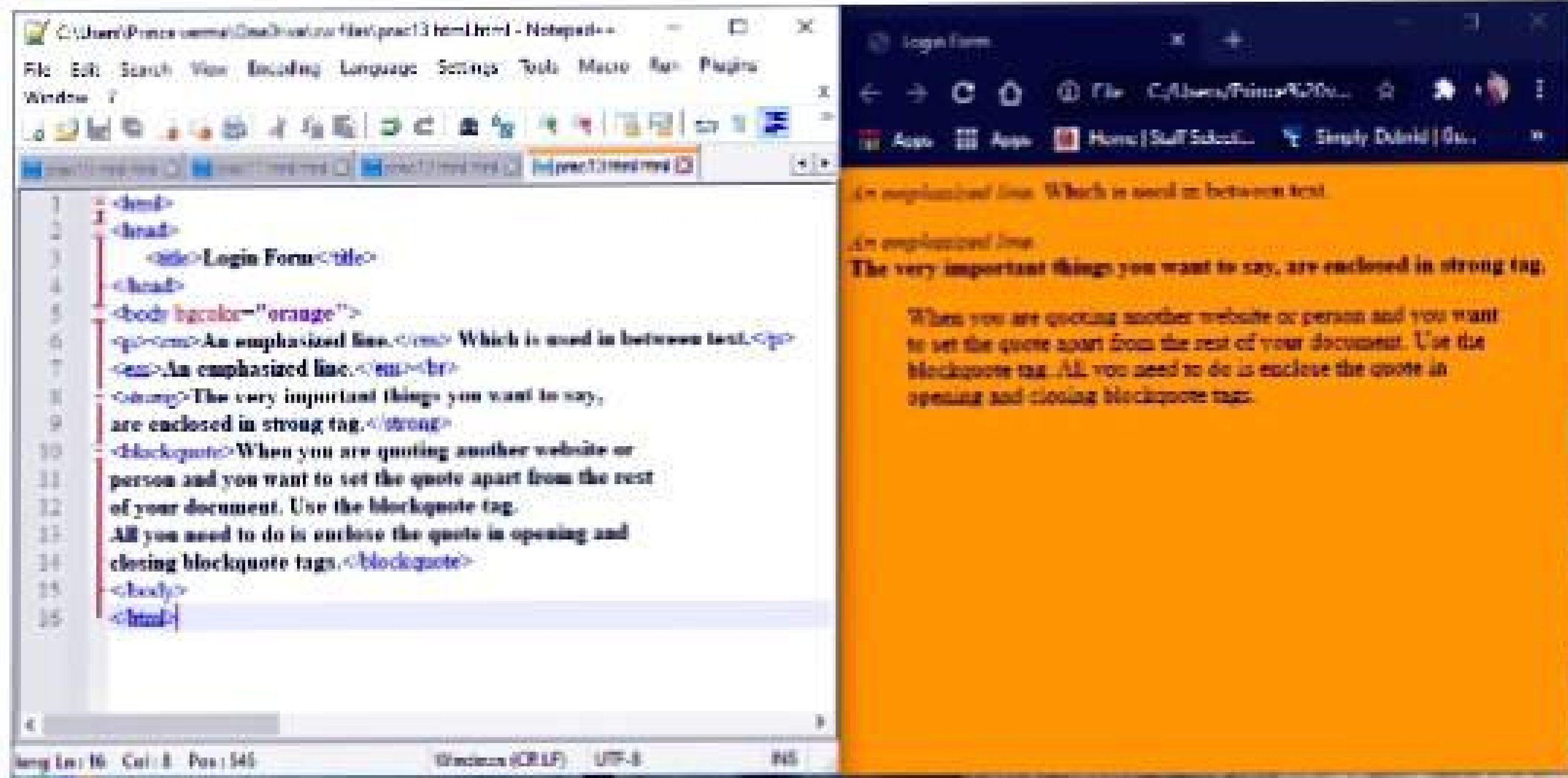
```
<img src = " /images/ html5.png " alt = " Html icon " style = " width: 128px ;
```

```
height: 128px ; " >
```

```
</body >
```

```
</html >
```

Teacher's Sign:



Aim Write HTML document to use an image ``, ``, `<blockquote>` tags.

Software Required - Notepad, Any web browser

Basic Elements - ``, ``, `<blockquote>`

Procedure

- Open the notepad.
- Then type the following code

```
<html>
```

```
<head>
```

```
<title> Blockquote </title>
```

```
</head>
```

```
<body>
```

```
<p> <em> An emphasized line. </em> which is used in between  
text.
```

```
</p>
```

```
<em> An emphasized line. </em> <br>
```

```
<strong> very important things you want to say are enclosed  
in strong tag
```

```
</strong>
```

```
<blockquote>
```

when you are quoting another website or person and you want to set the quote apart from the rest of your document.

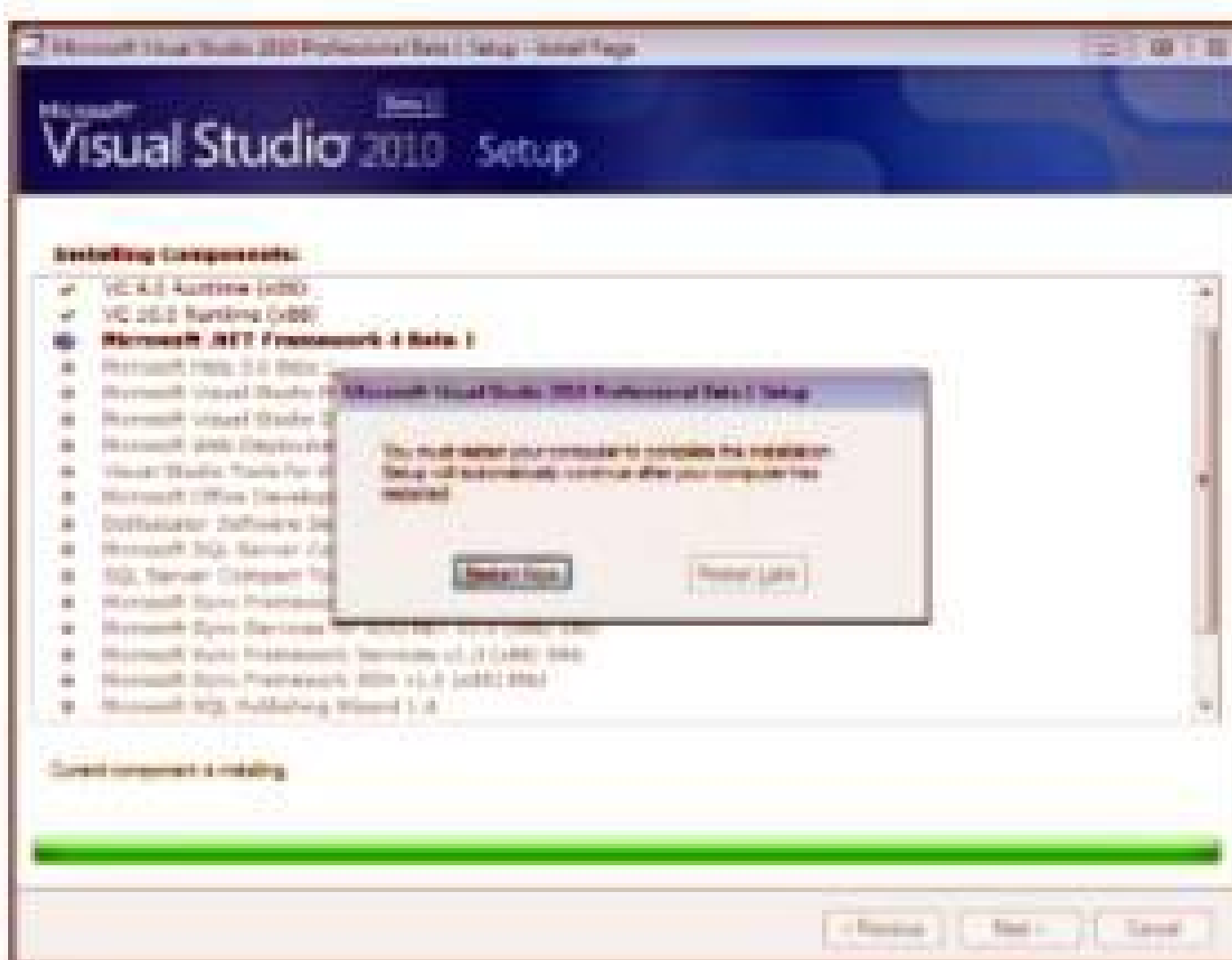
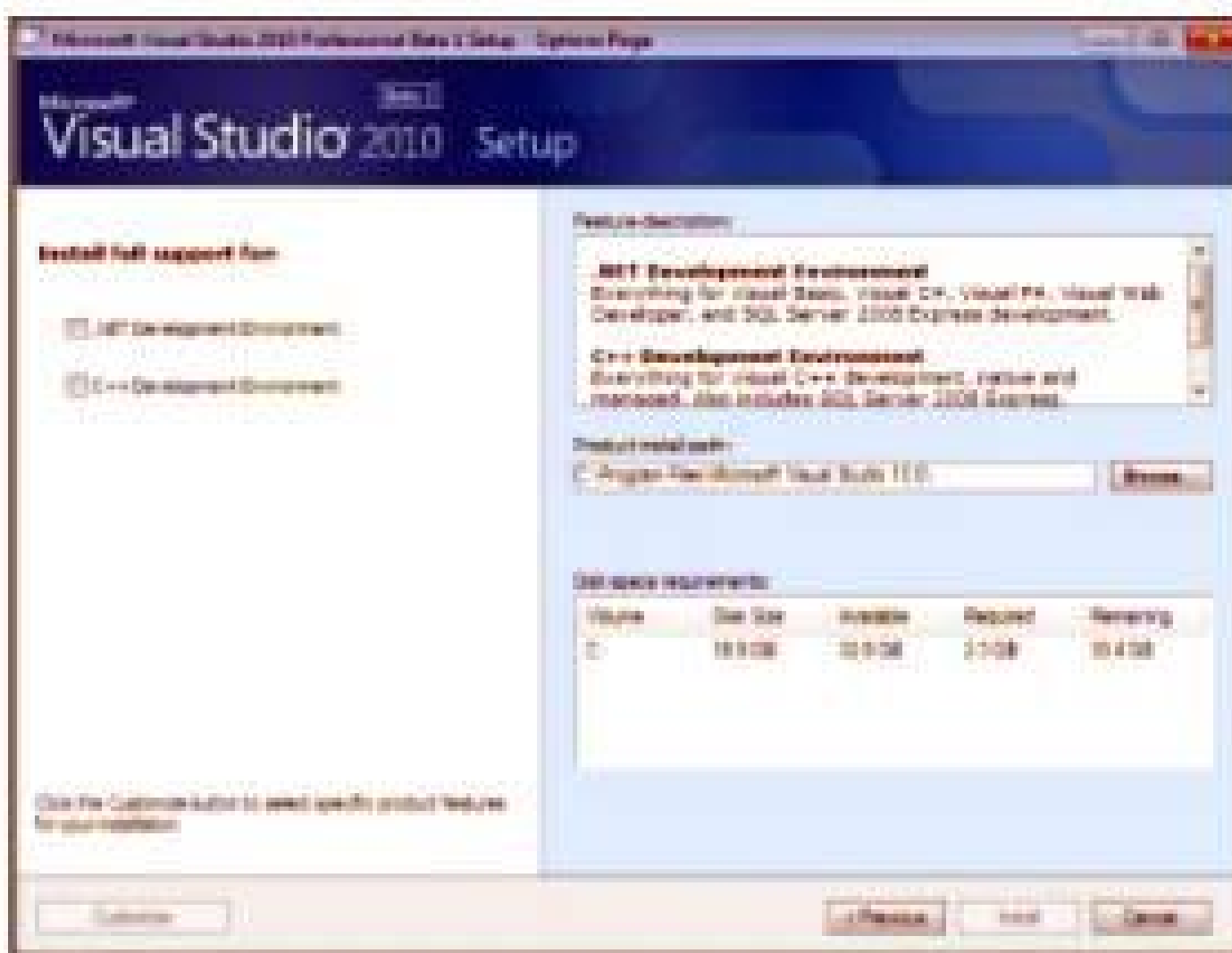
Use the blockquote tag. All you need to do is enclose the quote in opening and closing blockquote tags.

```
</blockquote>
```

```
</body>
```

```
</html>
```

Teacher's Sign:





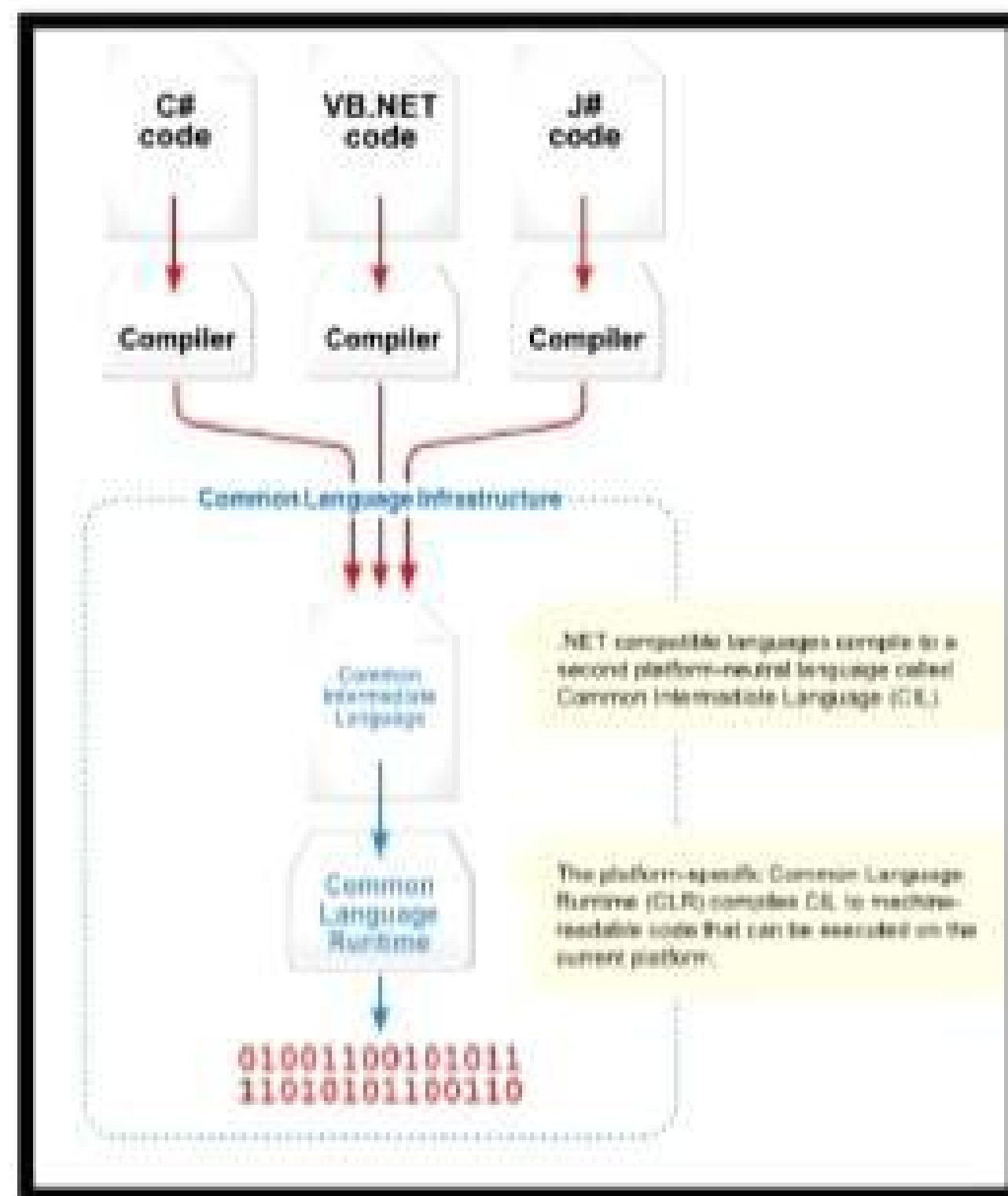
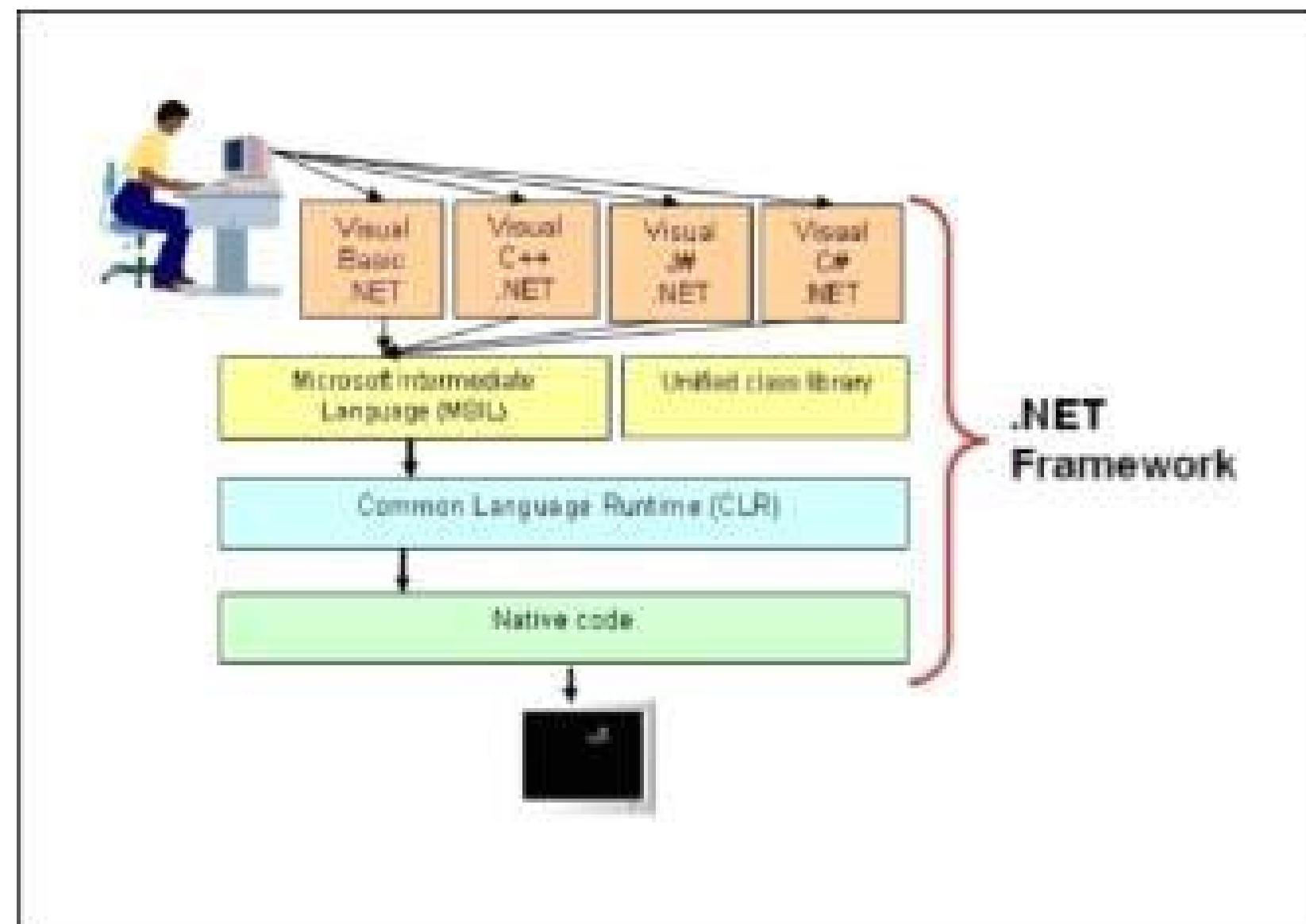
Aim Write the steps of installation of .NET

Skd prog. Microsoft visual studio 2010 Setup.

Procedure

- 1) Firstly go to desired location where visual studio setup is located. Double click on it then click on "install" to install Microsoft studio installation is start.
- 2) After that click on next, we get license page. fill key then click on next.
- 3) select path for installation then click install.
- 4) Now actual installation begins and we can see a complete list of components that will be installed.
- 5) You'll have to reboot after .Net framework installation.
- 6) Now time to take a break.
- 7) Finally, everything finished up and we're done.
- 8) After the install completes, we can check for service released if now active.
- 9) Firstly it asked to choose a language, then we see the new start page for the first time.
- 10) Click on new project, choose any application you want to create.
- 11) Installation has finished.

Teacher's Sign:



Aim

Write the various features of the .Net framework.

Theory

1) Interoperability

.NET framework provide means to access functionality implemented in newer and older programs that execute outside the .NET environment.

2) Common Language Runtime Engine

The CLR serves the execution engine of .NET framework, all .NET programs execute under the supervision of CLR, gives memory management & exception handling.

3) Language independence

.NET introduces a common type system or CTS. The CTS defines all possible data types and programming constructs supported by CLR. So .NET supports exchanges of types & objects b/w libraries and application written using any conforming .NET language.

4) Base class library

BCL, part of framework class library (FCL), is a library of functionality available to all languages using the .Net framework. BCL provides classes that encapsulates a no. of common functions

Teacher's Sign:

d) Simplified ~~Employed~~ deployment

.NET framework includes design features and tools which help manage installation of software to ensure it does not interfere with previously installed software.

e) Security

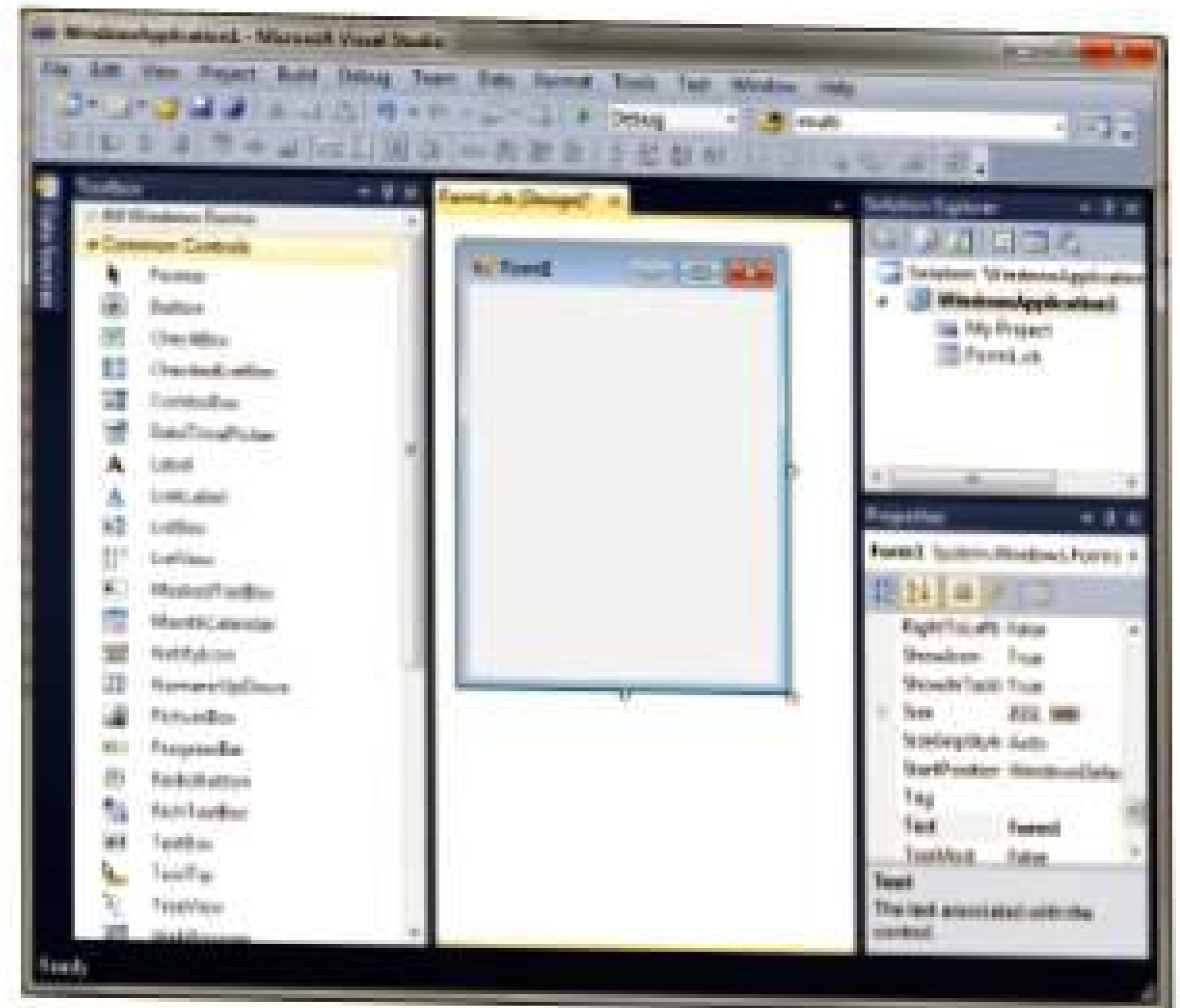
The design addresses some vulnerabilities, such as buffer overflows, which have been exploited by malicious software. It provides a common security model.

7) Portability

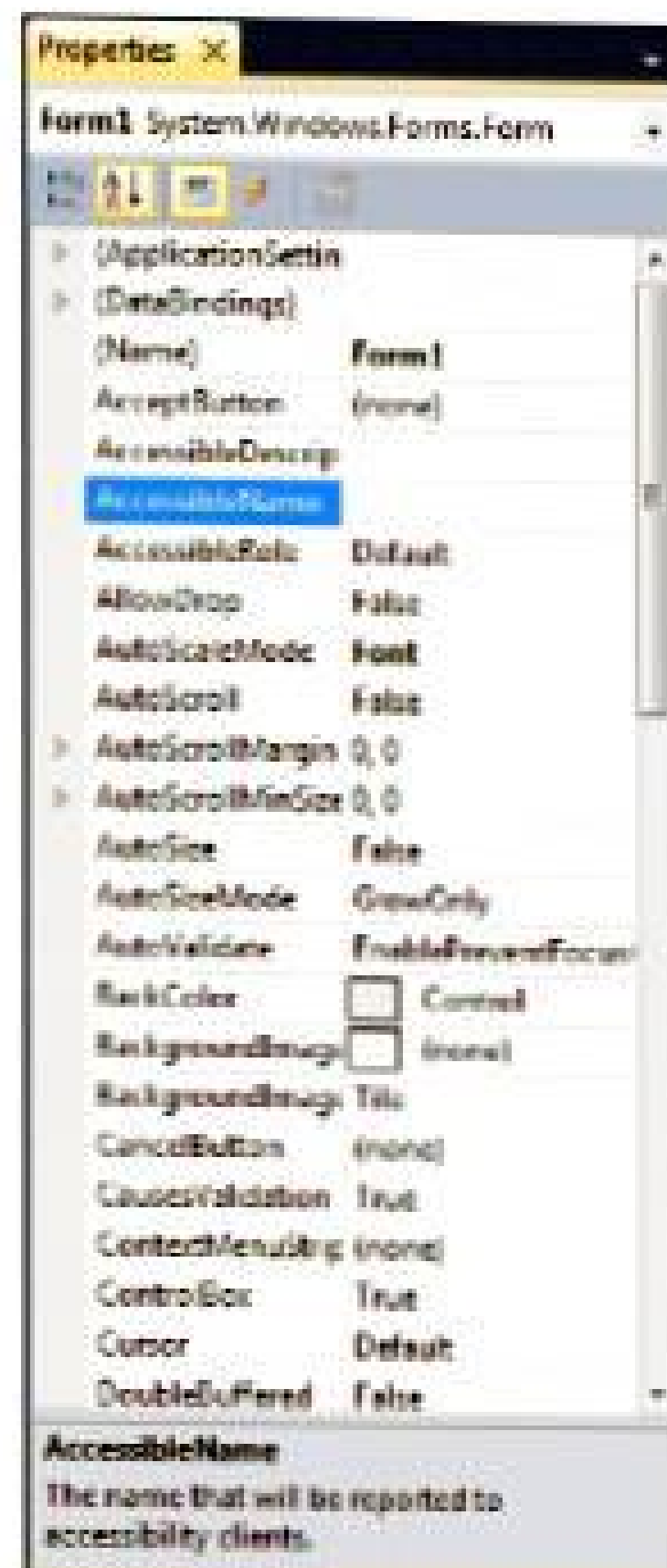
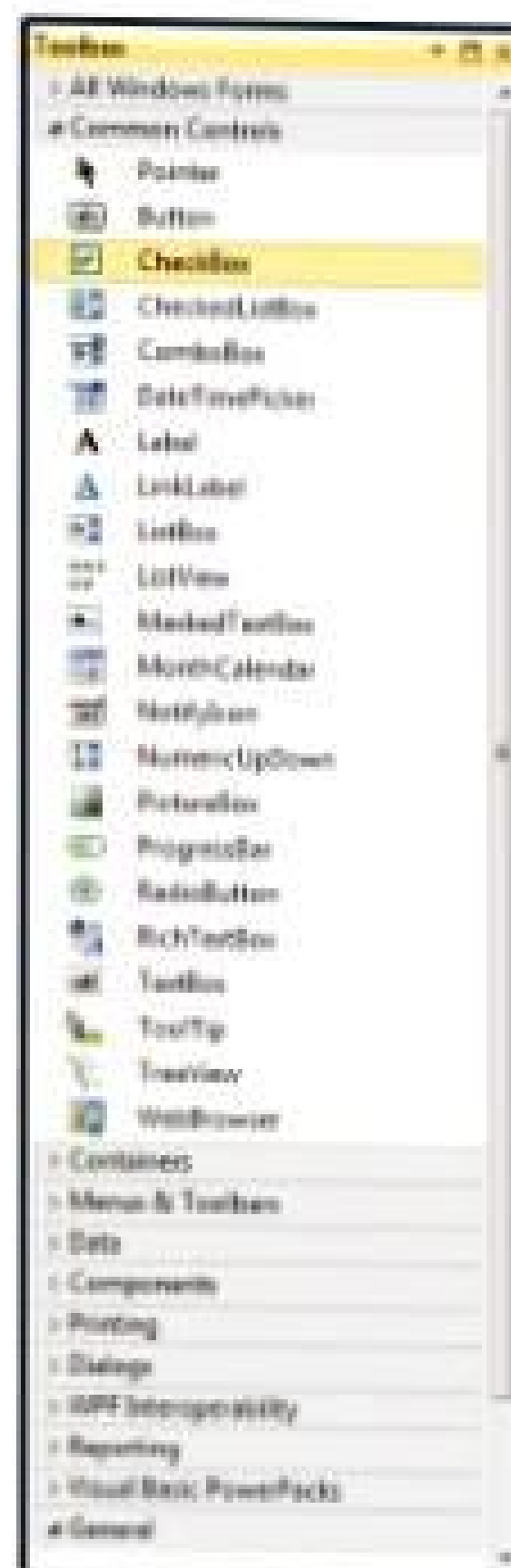
While Microsoft has never implemented the full framework on any system except Microsoft Windows, it has engineered the framework to be platform-agnostic and cross-platform. Implementations are available for other operating systems.

Microsoft submitted the specifications for the Common Language Infrastructure. This makes it possible for third parties to create compatible implementations of the framework and its languages on these platforms.

Teacher's Sign:



16



```

C:\Users\Prince verma\OneDrive\cw files\prac16.html.vb - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ? X
practic13.html.html pract16.html.vb
1 Public Class Form1
2 Private Sub btnSubmit_Click(sender As System.Object, e As System.EventArgs) Handles btnSubmit.Clic
3 If ChBox1.Checked = False Then
4 MsgBox("You need to agree to the undertaking to submit the data.")
5 Else
6 Form2.lblNameValue.Text = Me.tBoxName.Text
7 Form2.lblFnameValue.Text = Me.tBoxFname.Text
8 Form2.lblClassValue.Text = Me.tBoxClass.Text
9 Form2.lblSemValue.Text = Me.cBoxBranch.Text
10 Form2.lblRollnoValue.Text = Me.tBoxRollno.Text
11 If Me.rButtonMale.Checked = True Then
12 Form2.lblGendervalue.Text = "Male"
13 Else If Me.rButtonFemale.Checked = True Then
14 Form2.lblGendervalue.Text = "Female"
15 Else
16 Form2.lblGendervalue.Text = ""
17 End If
18 Form2.lblDOBValue.Text = Me.DTP1.Text
19 Form2.lblal1Value.Text = Me.tBoxAL1.Text
20 Form2.lblal2Value.Text = Me.tBoxAL2.Text
21 Form2.lblCityValue.Text = Me.cBoxCity.Text
22 Form2.lblStateValue.Text = Me.tBoxState.Text
23 Form2.lblpinValue.Text = Me.tBoxPCode.Text
24 Form2.ShowDialog()
25 End If
26 End Sub
27 After this go to form 1.vb (Design) then double click on cancel button and paste the following cod
28 PrivateSub btnCancel_Click(sender As System.Object, e As System.EventArgs) Handles btnCancel.Clic
29 Me.Close()
30 End Sub
31 End Class
length: 1,368 | Ln: 25 | Col: 7 | Pos: 1,122 | Windows (CR LF) | UTF-8 | INS

```

Aim

Create a window based Application in visual studio 2010.

sto req.

Microsoft Visual Studio 2010

Procedure

- 1) Firstly open VS 10. Then click on new project, choose visual basic language and windows forms application then click ok.
- 2) After that a form with name of form1.vb is open
- 3) A tool box and the properties window are shown below.
- 4) Create a label at the form top with the help of toolbox. Double click on label icon in tool box. it will placed in form. change label name to student information form
- 5) Then create label & change text to "Name".
- 6) Repeat the steps & create more labels which text are father's name, class, Date of birth, semester, city, address etc.
- 7) Create text box in front of all labels.
- 8) Now create drop down list in front of semester, city.
- 9) Create 2 radio buttons in front of Gender label
- 10) Last 2 buttons for submit and another for exit.
- 11) Now in solution explorer window insert a new form which name is Form2.vb
- 12) We get a blank form. Create same labels in second form also.

Teacher's Sign:

13) Now in place of taking text box, read it button, the text of all labels keep ~~as~~ null.

At last create a button for exit.

14) The final form1.vb & form2.vb design shown here.

→ 15) Now go to form1.vb by solution explorer window. Double click on submit button. It opens form1.vb code. paste the following code here.

→ 16) After this go to form1.vb, then click on cancel button and paste the following code.

→ 17) Now go to form2.vb then click on exit button and paste the following code.

18) Now press F5 to run the project and Ctrl+Shift+S to save all.

Output

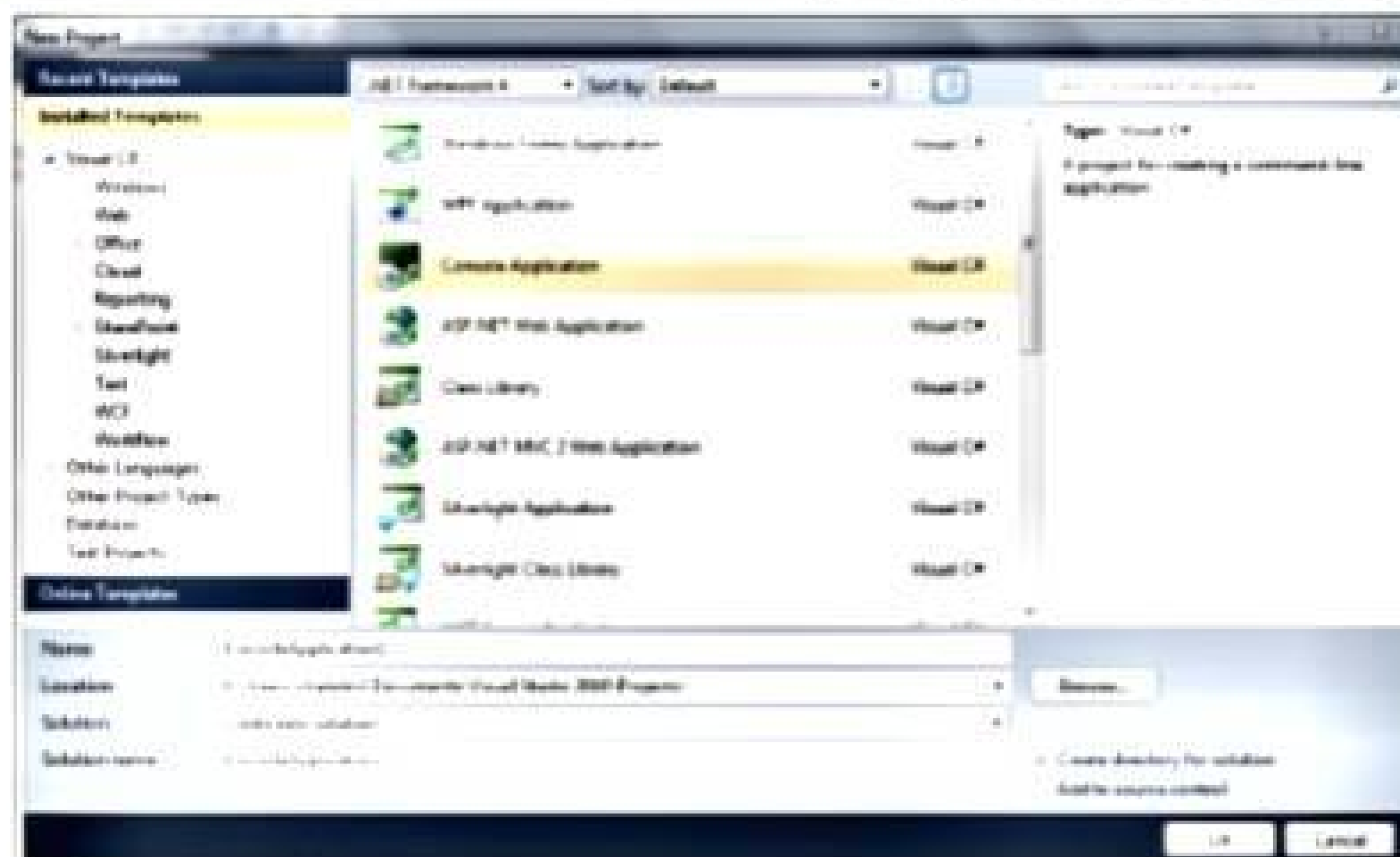
Teacher's Sign:

```

C:\Users\Prince verma\OneDrive\ow files\prac17.html.vb - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins
Window ?
prac13.html.html | prac16.html.vb | prac17.html.vb
1  using System;
2  using System.Collections.Generic;
3  using System.Linq;
4  using System.Text;
5  namespace ConsoleApplicationDateime
6  {
7      Class Program
8      {
9          Static void Main(string[] args)
10         {
11             Console.WriteLine( "Date " + DateTime.Now.ToString());
12             Console.WriteLine( "Lep Year (True/False) " + DateTime.IsLeapYear(2004).ToString());
13             Console.WriteLine( "Days in Month " + DateTime.DaysInMonth(2009, 5));
14             DateTime dt = DateTime.Now;
15             Console.WriteLine( "Date " + dt.Date.ToString());
16             Console.WriteLine( "Day of Date " + dt.Day.ToString());
17             // It will display a total 365 days which day it is...
18             Console.WriteLine( "Day of Year " + dt.DayOfYear.ToString());
19             Console.WriteLine( "Hour " + dt.Hour.ToString());
20             Console.WriteLine( "Milliseconds " + dt.Millisecond.ToString());
21             Console.WriteLine( "Day of Week " + dt.DayOfWeek.ToString());
22             Console.WriteLine( "Ticks " + dt.Ticks.ToString());
23             Console.WriteLine( "Month " + dt.Month.ToString());
24             Console.WriteLine( "Minutes " + dt.Minute.ToString());
25             Console.WriteLine( "Time of day " + dt.TimeOfDay.ToString());
26             Console.ReadLine();
27         }
28     }

```

Ln: 30 Col: 1 Pos: 1,111 Windows (CRLF) UTF-8 INS



```

Microsoft Windows [PowerShell]
Date :21-Sep-14 12:49:28 PM
Lep Year (True/False) :True
Days in Month :31
Date :21-Sep-14 12:00:00 AM
Day of Date :21
Day of Year :264
Hour :12
Milliseconds :766
Day of Week :Sunday
Ticks :636467086676667
Month :9
Minutes :49
Time of day :12:00:00.766667

```

Aim Create a Console Application in Visual Studio 2010.

slw req. Microsoft visual studio 2010

Procedure

- 1) Firstly open VS 2010. choose C# language then choose console application
- 2) After this a code page opens where some code is written by default. Replace the code with this new code.
- 3) Now press F5 for run. And ctrl+s to save the project.

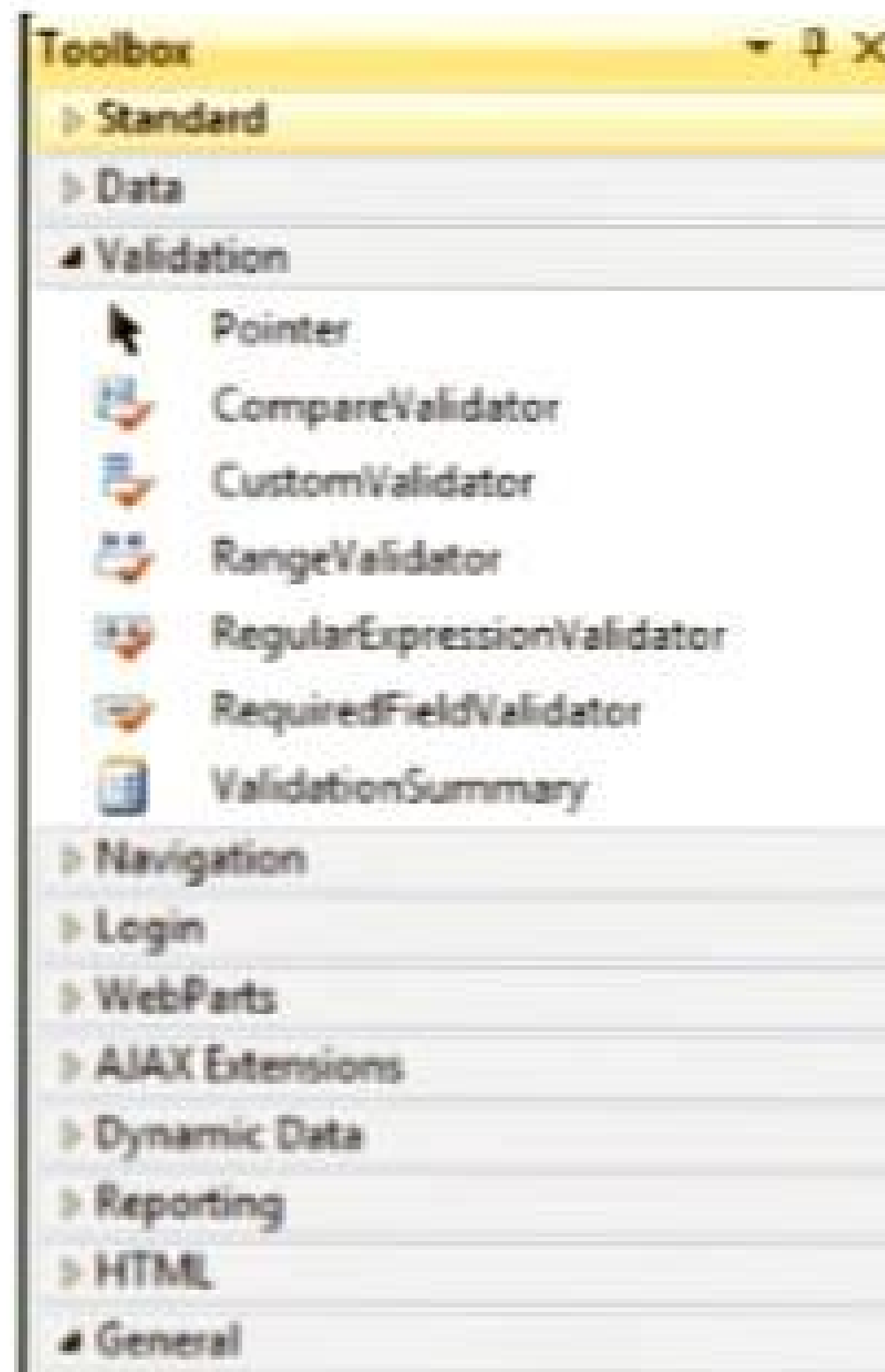
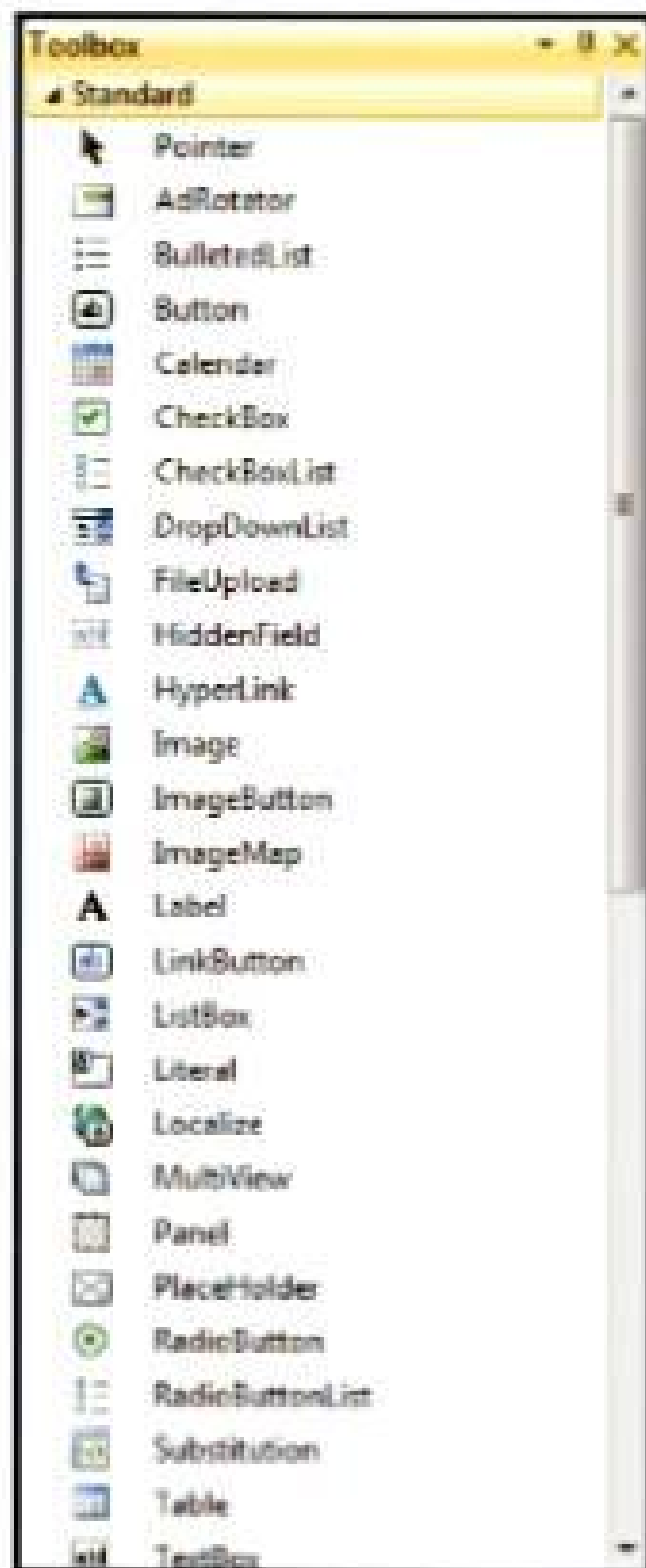
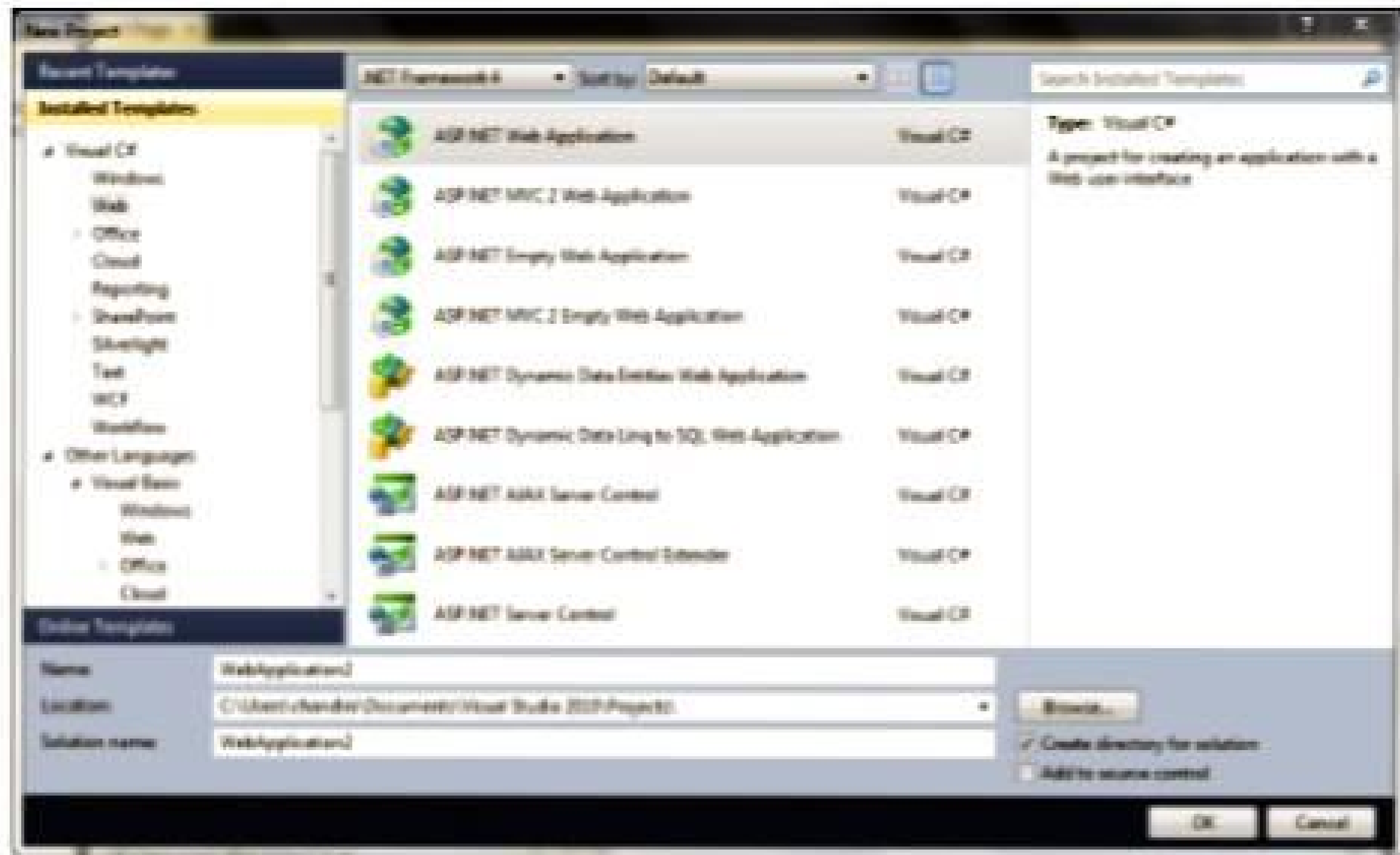
Output

Teacher's Sign:


```
*C:\Users\Prince verma\OneDrive\cw files\prac18 .vb - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run
Plugins Window ?
prac13.html.html | prac15.html.vb | prac17.html.vb | prac18.vb
1 <form id="form1" runat="server" name="Contact Us"
2 style="background-color:#FFFFFF,color:#FFFFFF">
3 <div align="center"><asp:LabelID="Label5" runat="server" Text="Contact Us"
4 Font-Size="X-Large" ForeColor="Blue" TabIndex="1"></asp:Label>
5 <table border="0" style="width:450px;align:center"
6 <tr>
7 <td bgcolor="#66CCFF" class="style2">
8 <asp:LabelID="Label1" runat="server" Text="Name" TabIndex="2"></asp:Label><br>
9 </td>
10 <td bgcolor="#00FFCC" class="style2">
11 <div>
12 <asp:TextBoxID="TextBox1" runat="server" TabIndex="3"></asp:TextBox>
13 </div>
14 <asp:RequiredFieldValidatorID="RequiredFieldValidator1" runat="server"
15 ErrorMessage="Please Enter your Name" ControlToValidate="TextBox1"
16 ForeColor="Red" TabIndex="4"></asp:RequiredFieldValidator>
17 </td>
18 </tr>
19 <tr>
20 <td bgcolor="#66CCFF">
21 <asp:LabelID="Label2" runat="server" Text="Subject" TabIndex="5"></asp:Label>
22 </td>
23 <td bgcolor="#00FFCC">
24 <div>
25 <asp:TextBoxID="TextBox2" runat="server" TabIndex="6"></asp:TextBox>
26 </div>
27 <asp:RequiredFieldValidatorID="RequiredFieldValidator2" runat="server"
28 ErrorMessage="Enter your subject" ControlToValidate="TextBox2"
29 ForeColor="Red" TabIndex="7"></asp:RequiredFieldValidator>
30 </td></tr>
31 <tr><td bgcolor="#66CCFF">
32 <asp:LabelID="Label3" runat="server" Text="Email ID" TabIndex="8"></asp:Label>
33 </td>
34 <td bgcolor="#00FFCC">
35 <div>
36 <asp:TextBoxID="TextBox3" runat="server" TabIndex="9"></asp:TextBox>
37 &nbsp;<asp:RegularExpressionValidatorID="RegularExpressionValidator1" runat="server"
38 ErrorMessage="Invalid Email ID" ControlToValidate="TextBox3"
39 ValidationExpression="^[a-zA-Z0-9@.]*" display="dynamic" ForeColor="Red"
40 TabIndex="10"></asp:RegularExpressionValidator>
```

```
*C:\Users\Prince verma\OneDrive\cw files\prac18 .vb - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run
Plugins Window ?
prac13.html.html | prac15.html.vb | prac17.html.vb | prac18.vb
39 ValidationExpression="^[a-zA-Z0-9@.]*" display="dynamic" ForeColor="Red"
40 TabIndex="10"></asp:RegularExpressionValidator>
41 </div>
42 <asp:RequiredFieldValidatorID="RequiredFieldValidator3" runat="server"
43 ErrorMessage="Please Enter your Email ID" ControlToValidate="TextBox3"
44 ForeColor="Red" TabIndex="11"></asp:RequiredFieldValidator>
45 </td>
46 </tr>
47 <tr>
48 <td bgcolor="#66CCFF">
49 <asp:LabelID="Label6" runat="server" Text="Password" TabIndex="12"></asp:Label>
50 </td>
51 <td bgcolor="#00FFCC"><div>
52 <asp:TextBoxID="TextBox5" runat="server" ValidationGroup="1" TabIndex="13">
53 </asp:TextBox></div>
54 <asp:RequiredFieldValidatorID="RequiredFieldValidator5" runat="server"
55 ErrorMessage="Enter Password" ControlToValidate="TextBox5"
56 ForeColor="Red" TabIndex="14"></asp:RequiredFieldValidator>
57 </td>
58 </tr>
59 <tr>
60 <td>
61 <td class="style1" bgcolor="#66CCFF">
62 <asp:LabelID="Label7" runat="server" Text="Retype Password" TabIndex="15"></asp:Label>
63 </td>
64 <td class="style1" bgcolor="#00FFCC">
65 <div>
66 <asp:TextBoxID="TextBox6" runat="server" ValidationGroup="1" TabIndex="16"></asp:Text
67 </div>
68 <asp:CompareValidatorID="CompareValidator1" runat="server"
69 ControlToCompare="TextBox6" ControlToValidate="TextBox5"
70 ErrorMessage="Password Mismatch" ForeColor="Red" ValidationGroup="1"
71 ValueToCompare="TextBox5.Text" TabIndex="17"></asp:CompareValidator>
72 </td>
73 </tr>
74 <asp:RequiredFieldValidatorID="RequiredFieldValidator6" runat="server"
75 ErrorMessage="Retype Password" ControlToValidate="TextBox6"
76 ForeColor="Red" TabIndex="18"></asp:RequiredFieldValidator>
77 &nbsp;</div>
78 </td>
```

```
*C:\Users\Prince verma\OneDrive\cw files\prac18 .vb - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run
Plugins Window ?
prac13.html.html | prac15.html.vb | prac17.html.vb | prac18.vb
76 ForeColor="Red" TabIndex="18"></asp:RequiredFieldValidator>
77 &nbsp;<br>
78 </td>
79 </tr>
80 <tr>
81 <td bgcolor="#66CCFF">
82 <asp:LabelID="Label4" runat="server" Text="Comments" TabIndex="19"></asp:Label>
83 </td>
84 <td bgcolor="#00FFCC">
85 <br><asp:TextBoxID="TextBox4" runat="server" TextMode="MultiLine"
86 TabIndex="20"></asp:TextBox>
87 <br><asp:RequiredFieldValidatorID="RequiredFieldValidator4" runat="server"
88 ErrorMessage="Please Enter comments" ControlToValidate="TextBox4"
89 ForeColor="Red" TabIndex="21"></asp:RequiredFieldValidator>
90 </td></tr><tr><td bgcolor="#66CCFF"></td><td bgcolor="#00FFCC">
91 <asp:Button ID="Button1" runat="server" Text="Submit" />
92 <asp:Button ID="Button2" runat="server" Text="Reset" />
93 </td> </tr> </table> </div>
94 </form>
95
Ln : 77 Col : 12 Pos : 3,061 Windows (CR LF) UTF-8 INS
```





Aim Create a Web Application in Visual Studio 2010 using required field validator.

Software req. Microsoft Visual Studio 2010, any web browser.

Procedure

- 1) Firstly open VS 2010, then click on new project
- 2) click on web inside visual C# and choose ASP.NET web application. Give a suitable path and also given a name. click OK.
- 3) The toolbox of ASP.NET & validation toolbox is also shown
- 4) New source code box open with the default written text. Select all the texts and delete them. Now go to
- 5) Now go to design tab.
- 6) By using toolbox create a table with some rows and 2 columns.
- 7) Now go to first cell and create a label by using toolbox. Label ID = "label1" and changed label text to Name*.
- 8) Go to second cell and create a textbox which ID = "textbox1" and change the text from textbox1 to NULL.
- 9) When we create something like table, label or textbox or any other object in design view the actual source code of that object is created or added to source code.
So we created object in design view for easy.

Teacher's Sign:

- 10) After creating textbox click on Required field validator & place it below the text, and by properties "Control to validate = TextBox" of Required field validator.
- 11) After this RequiredFieldValidator control TextBox. If we don't fill textbox with suitable text, it shows some error message.
- 12) Now Repeat some above steps & create some more labels with different texts. Email, subject, comment etc.
- 13) Now create text boxes for every label. You can also create Drop Down List or any other objects
- 14) Now create RequiredFieldValidator for every text boxes as do above
- 15) After doing all these create 2 buttons one for submit & other for Reset data.
- 16) Now our design view look like this.
- 17) The code behind our web application is shown below.
- 18) Now Press F5 to run (Debug) program.

Output

Teacher's Sign: