

World Wide Web & HTML

PRACTICAL 1

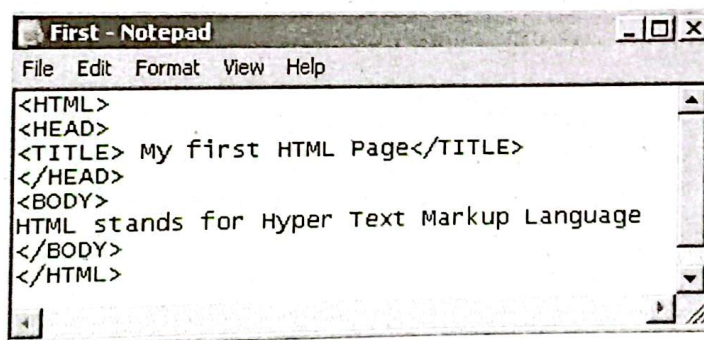
Perform the following tasks and write the stepwise procedure:

- Create an HTML document.
- Save an HTML document.
- Display an HTML document in the browser.

PROCEDURE

a. Creating an HTML Document

- Click **Start** button.
- Click **All Programs**.
- Click **Accessories**.
- Click **Notepad**. The **Notepad** will open.
- Type the following code in **Notepad**:



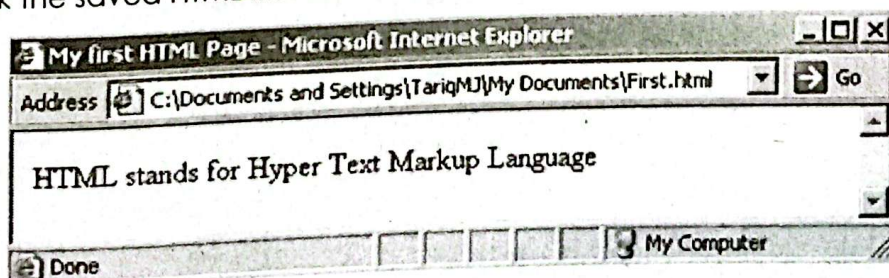
```
<HTML>
<HEAD>
<TITLE> My first HTML Page</TITLE>
</HEAD>
<BODY>
HTML stands for Hyper Text Markup Language
</BODY>
</HTML>
```

b. Saving an HTML Document

- Click **File > Save**. The **Save As** dialog box will appear.
- Type the name of HTML document in **File name** box such as "First.html".
- Click **Save**. The HTML document will be saved.

c. Displaying an HTML Document

- Double click the saved HTML file. The web page will appear in the browser:



PRACTICAL 2 Create a webpage in HTML as follows:

- Display "Formats and formulas" both on title bar and on the webpage in H3 heading size.
- Apply grey background and white foreground to the webpage.
- Display the following lines in bold, italic and underline respectively:

The bold text appears more visible.

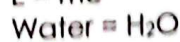
The italic text looks attractive.

The underlined text looks different.

- Display the following text:

$$V = (4/3) \times \pi \times r^3$$

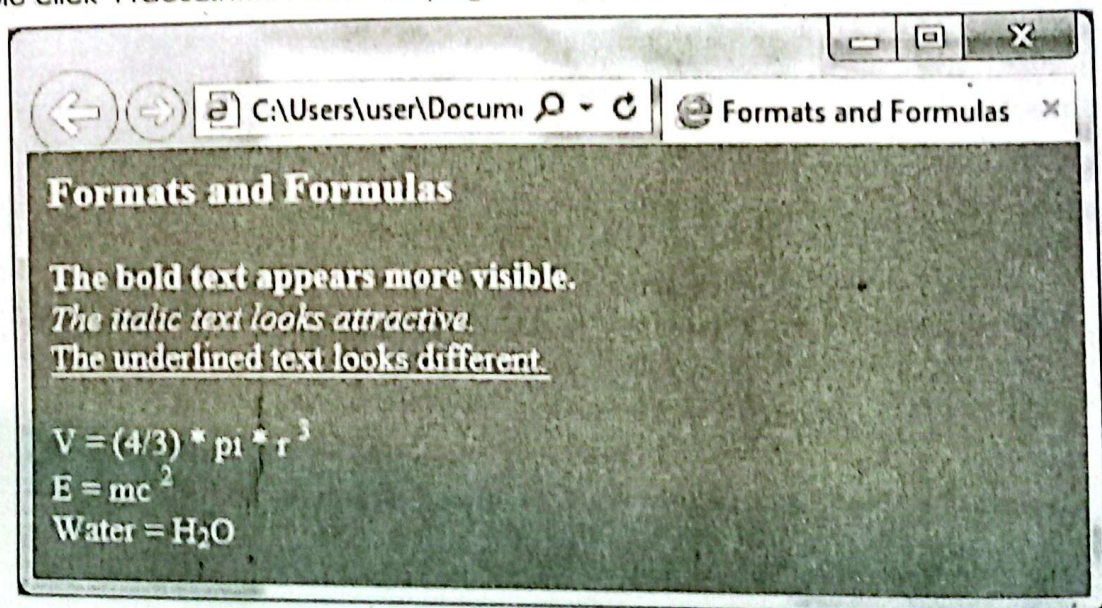
$$E = mc^2$$

**PROCEDURE**

- Open Notepad and type the following code:

```
<HTML>
<HEAD>
  <TITLE>Formats and Formulas</TITLE>
</HEAD>
<BODY BGCOLOR="grey" TEXT="white">
  <H3>Formats and Formulas</H3>
  <B>The bold text appears more visible. </B> <BR>
  <I>The italic text looks attractive. </I> <BR>
  <U>The underlined text looks different. </U> <P>
  V = (4/3) * pi * r <SUP>3</SUP> <BR>
  E = mc <SUP>2</SUP> <BR>
  Water = H<SUB>2</SUB>O <BR>
</BODY>
</HTML>
```

- Save the file as "Prac02.html".
- Double click "Prac02.html". The web page will appear in the browser as follows:



PRACTICAL 3

Create a webpage in HTML as follows:

- Apply green background and yellow foreground to the webpage.
- Display the following text in the given format:

Problem Solving

A **problem** is a *situation* or *matter* that requires proper attention to be resolved. **Problem solving** is a process of identifying a problem and finding the best solution for it.

Solutions of Some Problems

Volume of cube = S^3

Volume of cylinder = $\pi * R^2 * H$

Area of square = S^2

$H_2O = H_2 + O$

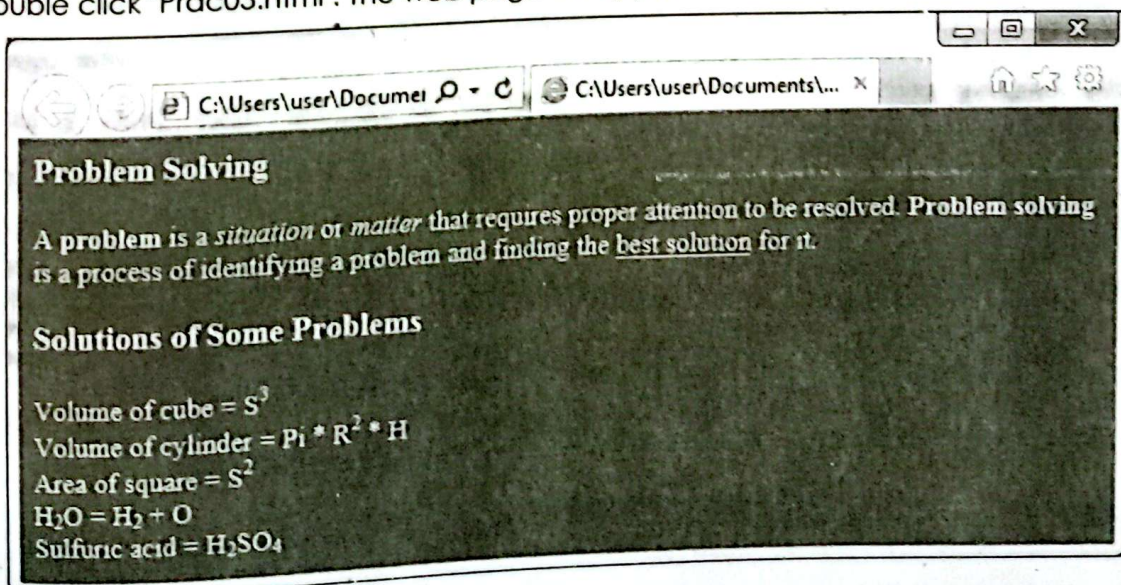
Sulfuric acid = H_2SO_4

PROCEDURE

- Open **Notepad** and type the following code:

```
<HTML>
<BODY BGCOLOR="green" TEXT="yellow">
<H3>Problem Solving</H3>
A <B>problem</B> is a <I>situation</I> or <I>matter</I> that requires proper attention to be resolved. <B>Problem
solving</B> is a process of identifying a problem and finding the <U>best solution</U> for it.
<H3>Solutions of Some Problems</H3>
Volume of cube = S<SUP>3</SUP> <BR>
Volume of cylinder = Pi * R<SUP>2</SUP> * H <BR>
Area of square = S<SUP>2</SUP> <BR>
H<SUB>2</SUB>O = H<SUB>2</SUB> + O <BR>
Sulfuric acid = H<SUB>2</SUB>SO<SUB>4</SUB> <BR>
</BODY>
</HTML>
```

- Save the file as "Prac03.html".
- Double click "Prac03.html". The web page will appear in the browser as follows:



PRACTICAL 4 Create a webpage in HTML as follows:

- Display "HTML" on the title bar.
- Display "HTML" in H2 heading size on the webpage.
- Display the following paragraph:

HTML stands for *Hyper Text Markup Language*. It is a formatting language used to develop web pages. It is very interesting and simple to use.

HTML can display different types of contents such as:

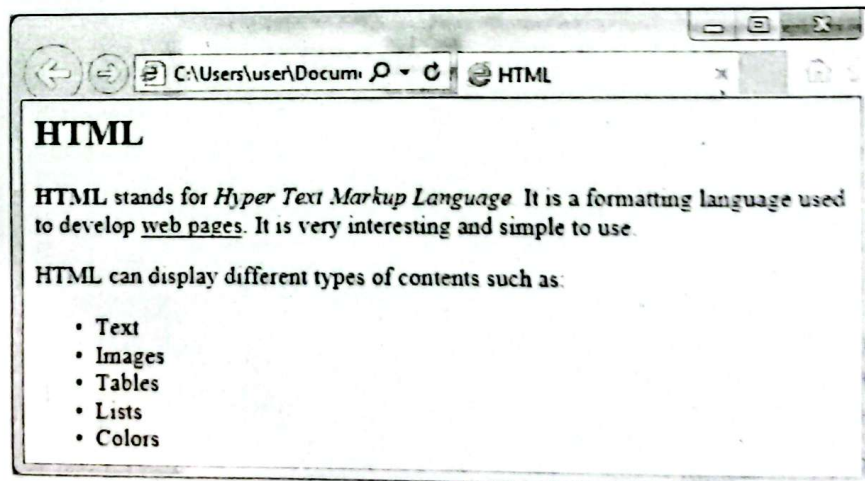
- Text
- Images
- Tables
- Lists
- Colors

PROCEDURE

- Open Notepad and type the following code:

```
<HTML>
<HEAD>
  <TITLE>HTML</TITLE>
</HEAD>
<BODY>
  <H2>HTML</H2>
  <P><B>HTML</B> stands for <I>Hyper Text Markup Language</I>. It is a formatting language used to develop <U>web
  pages</U>. It is very interesting and simple to use.</P>
  <P>HTML can display different types of contents such as: </P>
  <UL>
    <LI>Text
    <LI>Images
    <LI>Tables
    <LI>Lists
    <LI>Colors
  </UL>
</BODY>
</HTML>
```

- Save the file as "Prac04.html".
- Double click "Prac04.html". The web page will appear in the browser as follows:



PROBLEMS (Write a paragraph about the problems)

- 1. The Great Wall of China is the longest wall in the world, but it is not a wall of peace.
- 2. The Great Wall of China is a symbol of the Chinese people's spirit.
- 3. The Great Wall of China is a symbol of the Chinese people's spirit.

Problems of the Great Wall of China: It was built in 12th century BC. It was a great wall of the Chinese people. It was a symbol of the Chinese people's spirit.

- 4. The Great Wall of China is a symbol of the Chinese people's spirit.
- 5. The Great Wall of China is a symbol of the Chinese people's spirit.

PROBLEMS

- 1. The Great Wall of China is a symbol of the Chinese people's spirit.

10/10

10/10

10/10 / Problem (Write a paragraph)

10/10

10/10 / Problem (Write a paragraph)

10/10 / Problem (Write a paragraph)

10/10 / Problem (Write a paragraph)

Problems of the Great Wall of China: It was built in 12th century BC. It was a great wall of the Chinese people. It was a symbol of the Chinese people's spirit.

10/10 / Problem

10/10 / Problem (Write a paragraph)

10/10

10/10 / Problem

10/10 / Problem

10/10 / Problem

10/10 / Problem

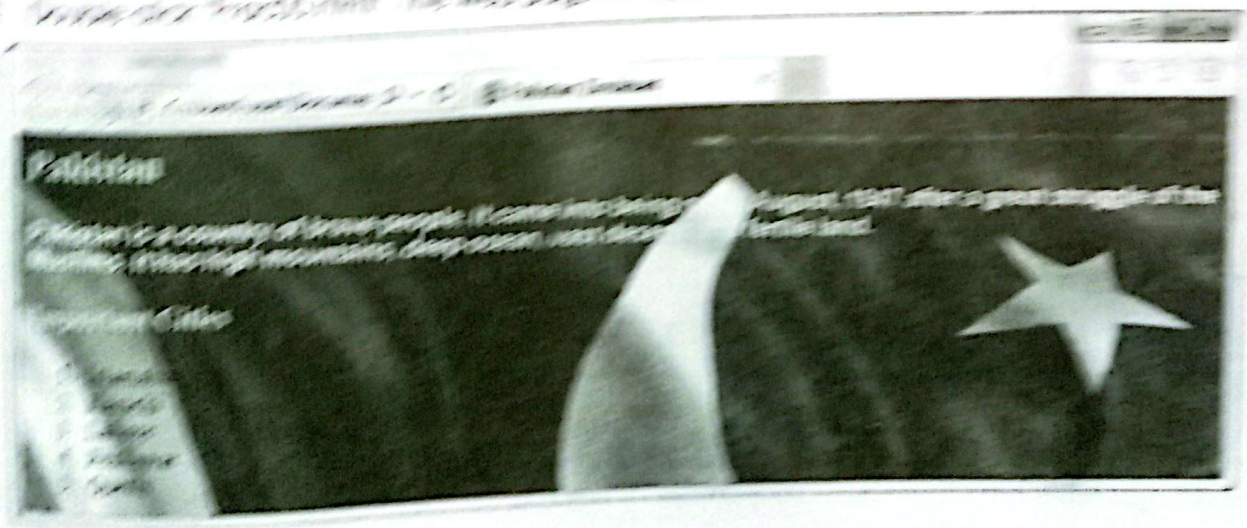
10/10 / Problem

10/10

10/10

10/10

- 2. The Great Wall of China is a symbol of the Chinese people's spirit.
- 3. The Great Wall of China is a symbol of the Chinese people's spirit.



PRACTICAL 6

Create a webpage in HTML as follows:

- Display "Colors List" on the title bar.
- Display the following list of color names. Each color name must appear in the same color.

My Favorite Colors

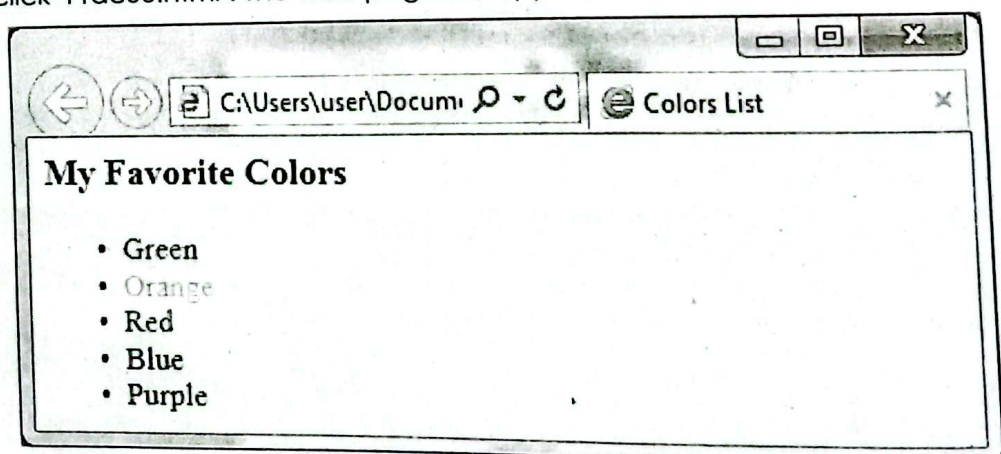
- Green
- Orange
- Red
- Blue
- Purple

PROCEDURE

- Open **Notepad** and type the following code:

```
<HTML>
<HEAD>
    <TITLE> Colors List</TITLE>
</HEAD>
<BODY>
<H3>My Favorite Colors </H3>
<UL>
    <LI><FONT COLOR="green"> Green </FONT>
    <LI><FONT COLOR="orange"> Orange </FONT>
    <LI><FONT COLOR="red"> Red </FONT>
    <LI><FONT COLOR="blue"> Blue </FONT>
    <LI><FONT COLOR="purple"> Purple </FONT>
</UL>
</BODY>
</HTML>
```

- Save the file as "Prac06.html".
- Double click "Prac06.html". The web page will appear in the browser as follows:



PROJECT 7

Create a webpage in HTML as follows:

- Display "Favorites" on the title bar.
- Display "My Favorites" in H2 heading size.
- Display the following contents on the webpage:

My favorite fruit are as follows:

1. Mango
2. Apple
3. Banana

My favorite cities are as follows:

- A. Islamabad
- B. Lahore
- C. Karachi

My favorite colors are as follows:

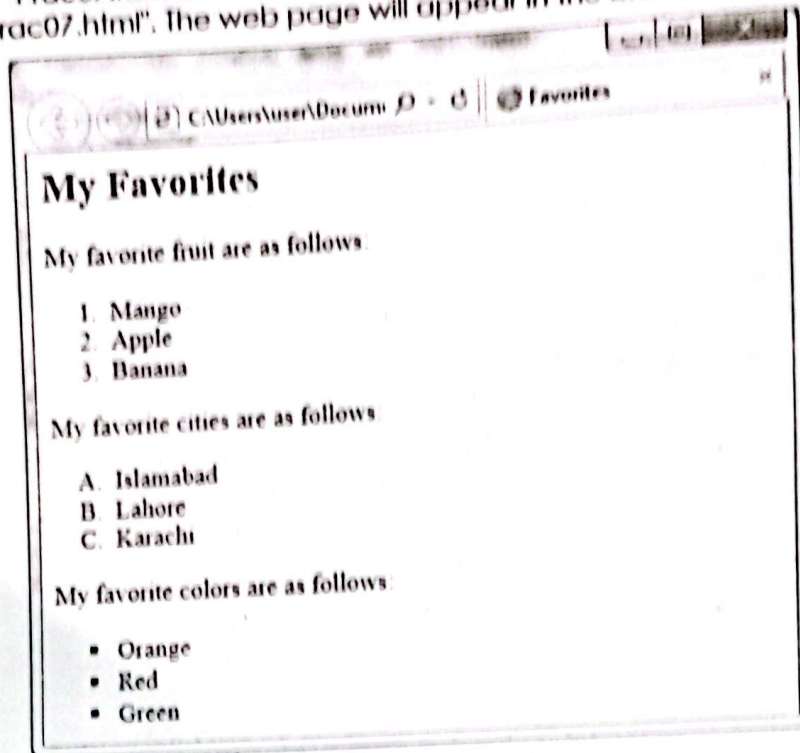
- Orange
- Red
- Green

PROCEDURE

1. Open Notepad and type the following code:

```
<HTML>
<HEAD>
  <TITLE> Favorites </TITLE>
</HEAD>
<BODY>
  <H2> My Favorites </H2>
  My favorite fruit are as follows:
  <UL>
    <LI>Mango
    <LI>Apple
    <LI>Banana
  </UL>
  My favorite cities are as follows:
  <UL TYPE="A">
    <LI>Islamabad
    <LI>Lahore
    <LI>Karachi
  </UL>
  My favorite colors are as follows:
  <UL TYPE="square">
    <LI>Orange
    <LI>Red
    <LI>Green
  </UL>
</BODY>
</HTML>
```

2. Save the file as "Prac07.html".
3. Double click "Prac07.html". The web page will appear in the browser as follows:



PRACTICAL 8 Create a webpage in HTML as follows:

- a. Display "Yummy Foods" on the title bar.
- b. Display "Tasty Menu" in H3 heading size.
- c. Display the following contents on the webpage:
 1. Burger
 - Chicken Burger
 - Beef Burger
 - Fish Burger
 2. Ice Cream
 - Vanilla
 - Chocolate
 - Strawberry
 3. Soft Drink
 - Pepsi
 - Coke
 - Dew
 - 7up

PROCEDURE

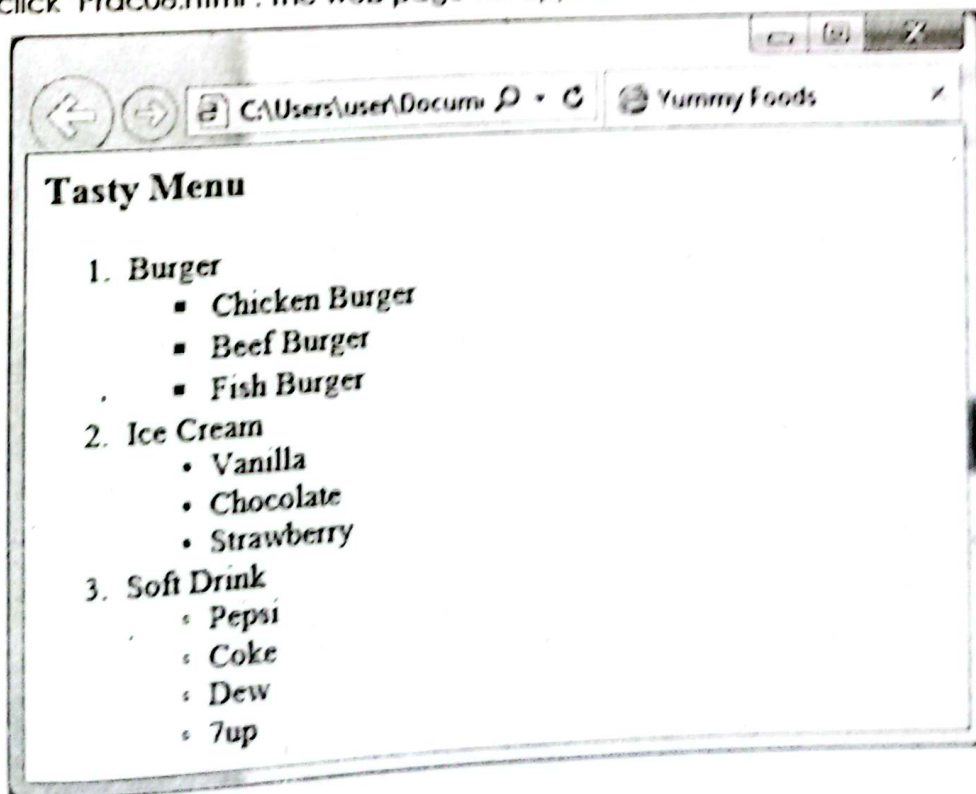
1. Open **Notepad** and type the following code:

```
<HTML>
<HEAD>
  <TITLE>Yummy Foods</TITLE>
</HEAD>
```



```
<BODY>
<H3>Tasty Menu</H3>
<OL>
  <LI>Burger
    <UL TYPE="square">
      <LI>Chicken Burger
      <LI>Beef Burger
      <LI>Fish Burger
    </UL>
  <LI>Ice Cream
    <UL TYPE="disc">
      <LI>Vanilla
      <LI>Chocolate
      <LI>Strawberry
    </UL>
  <LI>Soft Drink
    <UL TYPE="circle">
      <LI>Pepsi
      <LI>Coke
      <LI>Dew
      <LI>7up
    </UL>
</OL>
</BODY>
</HTML>
```

2. Save the file as "Prac08.html".
3. Double click "Prac08.html". The web page will appear in the browser as follows:



PRACTICAL 9 Create a webpage in HTML as follows:

- Display "My Computer" on the title bar.
- Display "Computer Hardware" in H3 heading size.
- Display the following contents on the webpage:

- Input Devices
 1. Keyboard
 2. Mouse
- Output Devices
 1. Monitor
 - CRT Monitors
 - LCD Monitors
 2. Printer
 - Laser Printers
 - Inkjet Printers
- Processor
 1. Control Unit
 2. ALU
 - Arithmetic Unit
 - Logic Unit

PROCEDURE

1. Open **Notepad** and type the following code:

```
<HTML>
<HEAD>
  <TITLE>My Computer</TITLE>
</HEAD>
<BODY>
<H3>Computer Hardware</H3>
<UL>
  <LI>Input Devices
  <OL>
    <LI>Keyboard
    <LI>Mouse
  </OL>
  <LI>Output Devices
  <OL>
    <LI>Monitor
      <UL>
        <LI>CRT Monitors
        <LI>LCD Monitors
      </UL>
    <LI>Printer
      <UL>
        <LI>Laser Printers
        <LI>Inkjet Printers
      </UL>
    </OL>
  </LI>Processor
```

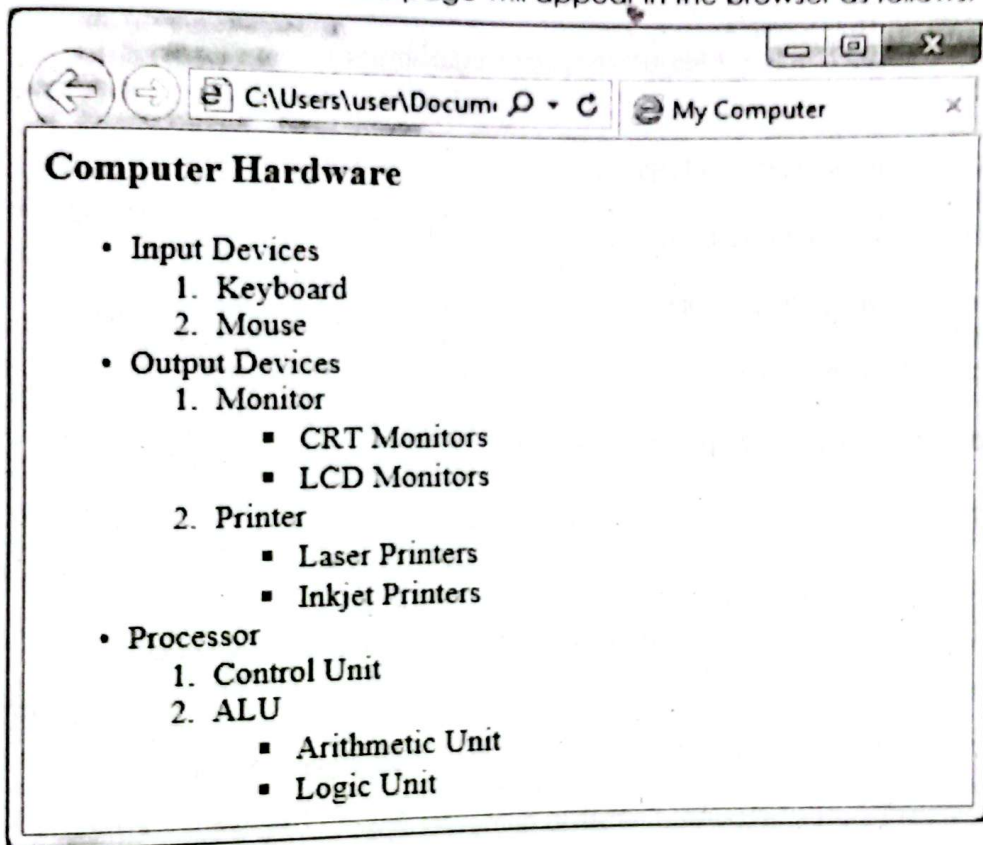


```

<OL>
<LI>Control Unit
<LI>ALU
  <UL>
    <LI>Arithmetic Unit
    <LI>Logic Unit
  </UL>
</OL>
</UL>
</BODY>
</HTML>

```

2. Save the file as "Prac09.html".
3. Double click "Prac09.html". The web page will appear in the browser as follows:



PRACTICAL 10 Create a webpage in HTML as follows:

- a. Display "Important terms" on the title bar.
- b. Apply background and foreground colors to the webpage.
- c. Display the following contents on the webpage:

A list of some important *terms* in computer programming is as follows:

Algorithm

A step by step procedure to solve a problem

Flowchart

A graphical representation of an algorithm

Program

A set of instructions given to the computer

Variable

A memory location to store a value

Constant

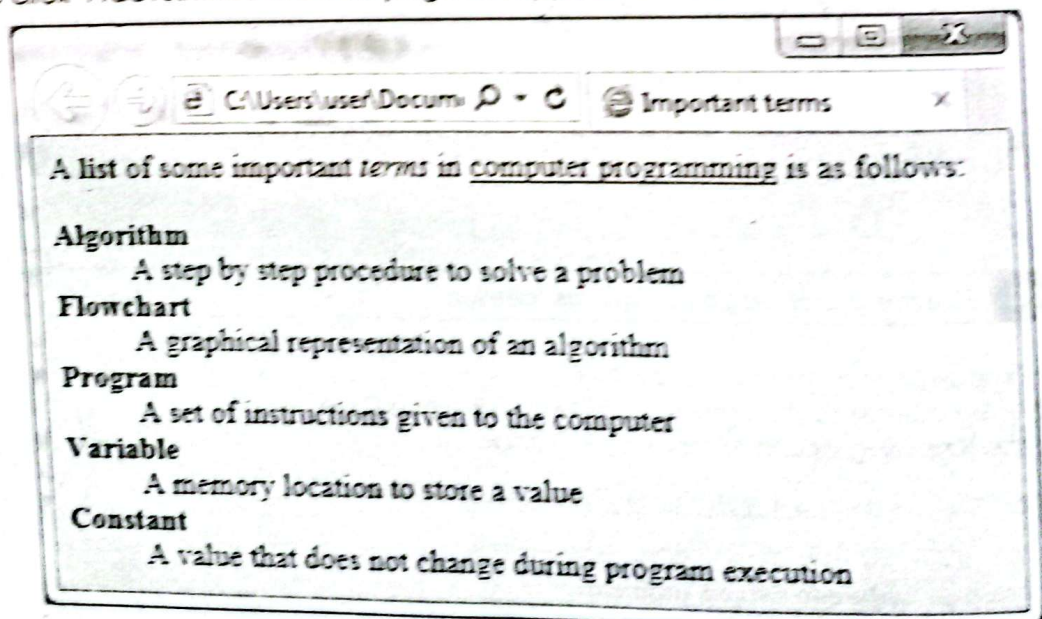
A value that does not change during program execution

PROCEDURE

1. Open Notepad and type the following code:

```
<HTML>
<HEAD>
  <TITLE>Important terms</TITLE>
</HEAD>
<BODY BGCOLOR='yellow' TEXT='blue'>
  A <B>list</B> of some important <b>terms</b> in <u>computer programming</u> is as follows:
  <DL>
    <DT><B>Algorithm</B>
    <DD>A step by step procedure to solve a problem
    <DT><B>Flowchart </B>
    <DD>A graphical representation of an algorithm
    <DT><B>Program </B>
    <DD>A set of instructions given to the computer
    <DT><B>Variable </B>
    <DD>A memory location to store a value
    <DT><B>Constant</B>
    <DD>A value that does not change during program execution
  </DL>
</BODY>
</HTML>
```

2. Save the file as "Prac10.html".
3. Double click "Prac10.html". The web page will appear in the browser as follows:



PRACTICAL 11

Create a webpage in HTML as follows:

- Display "Result" on the title bar.
- Display the following table with border width 2, cell padding 5 and cell spacing 2:

Roll No	Name	Marks
1	Usman Khalil	85
2	Sufyan Ali	79
3	Ashar Nadeem	91
4	Afaq Ahmed	75
5	Abdullah	83

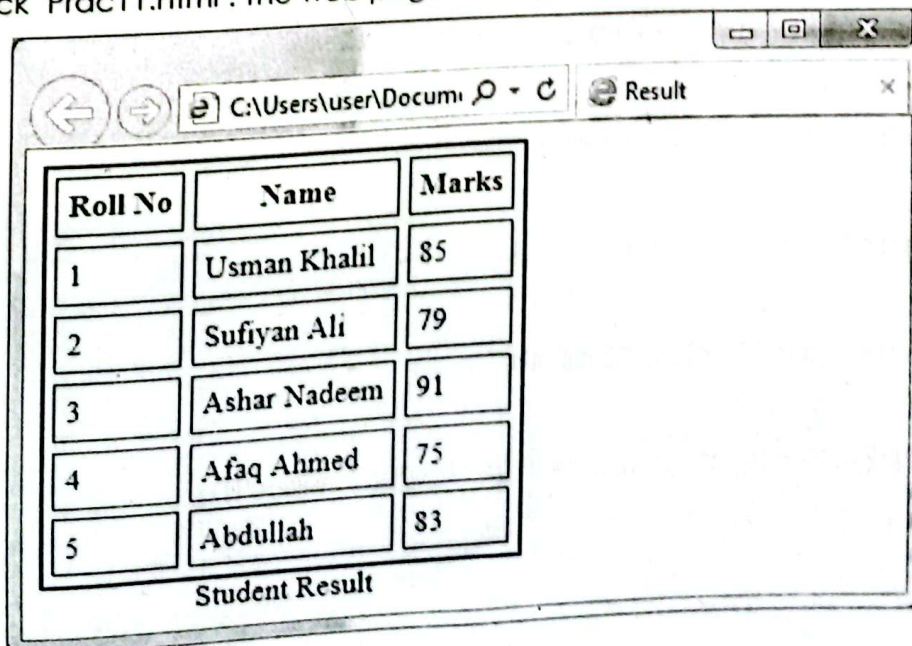
Student Result

PROCEDURE

- Open **Notepad** and type the following code:

```
<HTML>
<HEAD>
  <TITLE>Result</TITLE>
</HEAD>
<BODY>
  <TABLE BORDER=2 CELLPADDING=5 CELLSPACING=2>
    <CAPTION ALIGN="bottom">Student Result</CAPTION>
    <TR> <TH>Roll No</TH> <TH>Name</TH> <TH>Marks</TH> </TR>
    <TR> <TD>1</TD> <TD>Usman Khalil</TD> <TD>85</TD> </TR>
    <TR> <TD>2</TD> <TD>Sufiyan Ali</TD> <TD>79</TD> </TR>
    <TR> <TD>3</TD> <TD>Ashar Nadeem</TD> <TD>91</TD> </TR>
    <TR> <TD>4</TD> <TD>Afaq Ahmed</TD> <TD>75</TD> </TR>
    <TR> <TD>5</TD> <TD>Abdullah</TD> <TD>83</TD> </TR>
  </TABLE>
</BODY>
</HTML>
```

- Save the file as "Prac11.html".
- Double click "Prac11.html". The web page will appear in the browser as follows:



PRACTICAL 12 Create a webpage in HTML as follows:

- Display "Population" on the title bar.
- Display the following table with border width 2, cell padding 5:

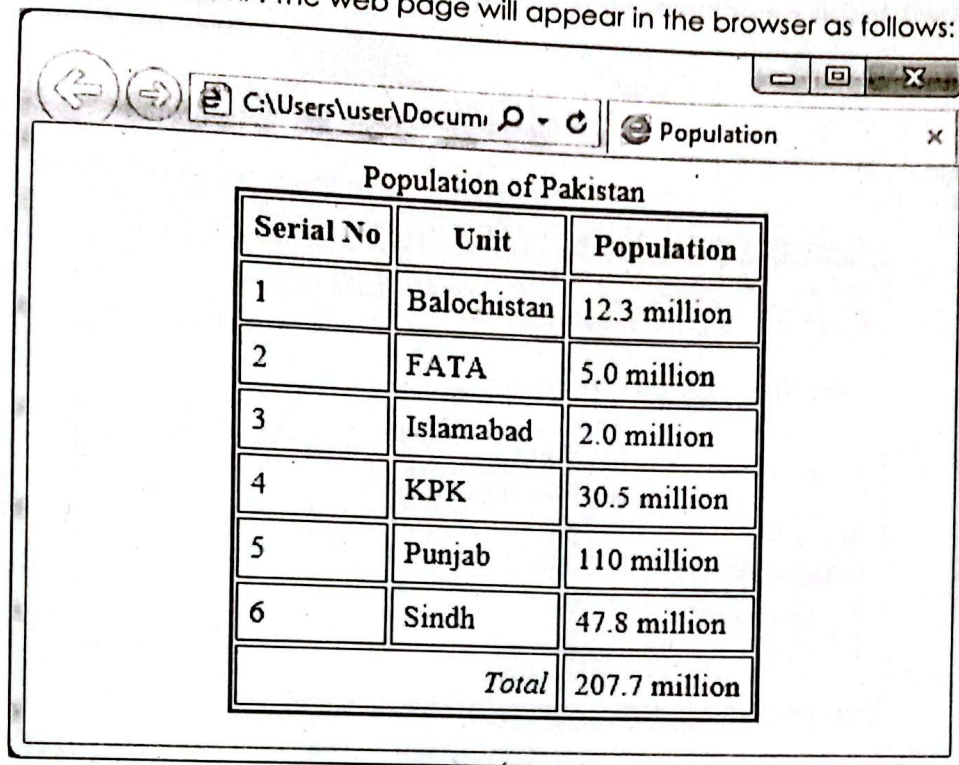
Population of Pakistan		
Serial No	Unit	Population
1	Balochistan	12.3 million
2	FATA	5.0 million
3	Islamabad	2.0 million
4	KPK	30.5 million
5	Punjab	110 million
6	Sindh	47.8 million
Total		207.7 million

PROCEDURE

- Open **Notepad** and type the following code:

```
<HTML>
<HEAD>
  <TITLE>Population</TITLE>
</HEAD>
<BODY>
  <TABLE BORDER=2 CELLPADDING=5 ALIGN="center" >
    <CAPTION ALIGN="top">Population of Pakistan </CAPTION>
    <TR>
      <TH>Serial No</TH> <TH>Unit</TH> <TH>Population</TH>
    </TR>
    <TR>
      <TD>1</TD> <TD>Balochistan</TD> <TD>12.3 million</TD>
    </TR>
    <TR>
      <TD>2</TD> <TD>FATA</TD> <TD>5.0 million</TD>
    </TR>
    <TR>
      <TD>3</TD> <TD>Islamabad</TD> <TD>2.0 million</TD>
    </TR>
    <TR>
      <TD>4</TD> <TD>KPK</TD> <TD>30.5 million</TD>
    </TR>
    <TR>
      <TD>5</TD> <TD>Punjab</TD> <TD>110 million</TD>
    </TR>
    <TR>
      <TD>6</TD> <TD>Sindh</TD> <TD>47.8 million</TD>
    </TR>
    <TR>
      <TD COLSPAN=2 ALIGN="right"><I>Total</I></TD> <TD>207.7 million</TD>
    </TR>
  </TABLE>
</BODY>
</HTML>
```


2. Save the file as "Prac12.html".
3. Double click "Prac12.html". The web page will appear in the browser as follows:



The screenshot shows a web browser window with the address bar displaying 'C:\Users\user\Docum...' and the page title 'Population'. The main content area displays a table titled 'Population of Pakistan'.

Serial No	Unit	Population
1	Balochistan	12.3 million
2	FATA	5.0 million
3	Islamabad	2.0 million
4	KPK	30.5 million
5	Punjab	110 million
6	Sindh	47.8 million
Total		207.7 million

PRACTICAL 13 Create a webpage in HTML as follows:

- a. Display "Using COLSPAN and ROWSPAN" on the webpage in H4 heading size.
- b. Display the following table.

Name	Marks	
	Visual Basic	Web Programming
Usman Khalil	80	74
Adnan Khalil	71	50
Nadeem Khalil	83	64
Marks Report		

PROCEDURE

1. Open **Notepad** and type the following code:

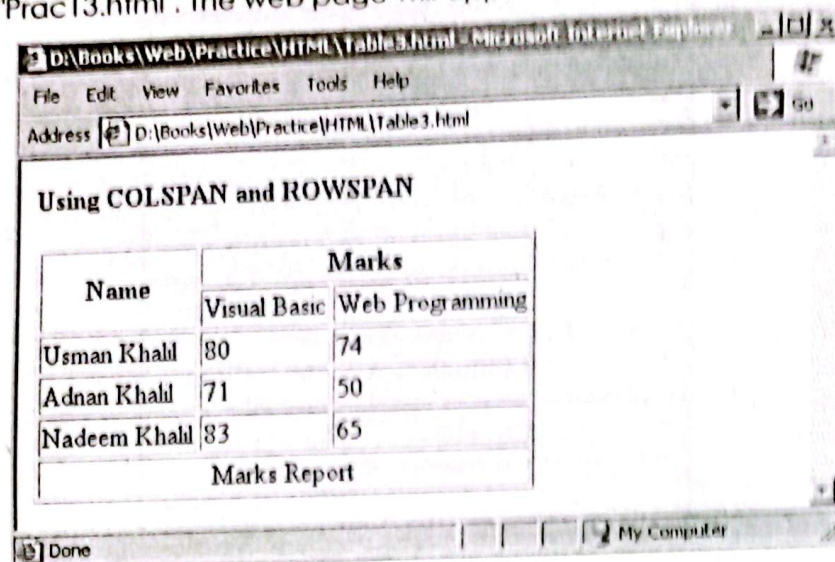
```
<HTML>
<BODY>
<H4>Using COLSPAN and ROWSPAN</H4>
<TABLE BORDER=1>
<TR>
<TH ROWSPAN=2>Name</TH><TH COLSPAN=2>Marks</TH>
</TR>
<TR><TD>Visual Basic</TD><TD>Web Programming</TD></TR>
<TR><TD>Usman Khalil</TD><TD>80</TD><TD>74</TD></TR>
<TR><TD>Adnan Khalil</TD><TD>71</TD><TD>50</TD></TR>
```

```

<TR><TD>Nadeem Khalil</TD><TD>83</TD><TD>65</TD></TR>
<TR><TD COLSPAN=3 ALIGN="center">Marks Report</TD></TR>
</TABLE>
</BODY>
</HTML>

```

2. Save the file as "Prac13.html".
3. Double click "Prac13.html". The web page will appear in the browser as follows:



PRACTICAL 14 Create a webpage in HTML as follows:

- a. Display "Class Schedule" on the title bar.
- b. Display the following table:

Class	Days	Time
Introduction to IT	Mon - Wed	09:00AM - 10:00AM
Programming Basics	Mon - Wed	10:00AM - 11:00AM
Operating Systems	Mon - Wed	11:00AM - 12:00PM
Digital Electronics	Thu - Sat	09:00AM - 10:00AM
Numerical Analysis	Thu - Sat	10:00AM - 11:00AM
Note: All students must attend lab every day from 12:00PM to 02:00PM		

Class Schedule for Semester 1

PROCEDURE

1. Open **Notepad** and type the following code:

```

<HTML>
<HEAD>
  <TITLE>Class Schedule</TITLE>
</HEAD>
<BODY>
  <TABLE BORDER=3 ALIGN="center">
    <CAPTION ALIGN="bottom">Class Schedule for Semester 1</CAPTION>
    <TR>
      <TH WIDTH=250>Class</TH> <TH WIDTH=120>Days</TH> <TH WIDTH=120>Time</TH>
    </TR>

```

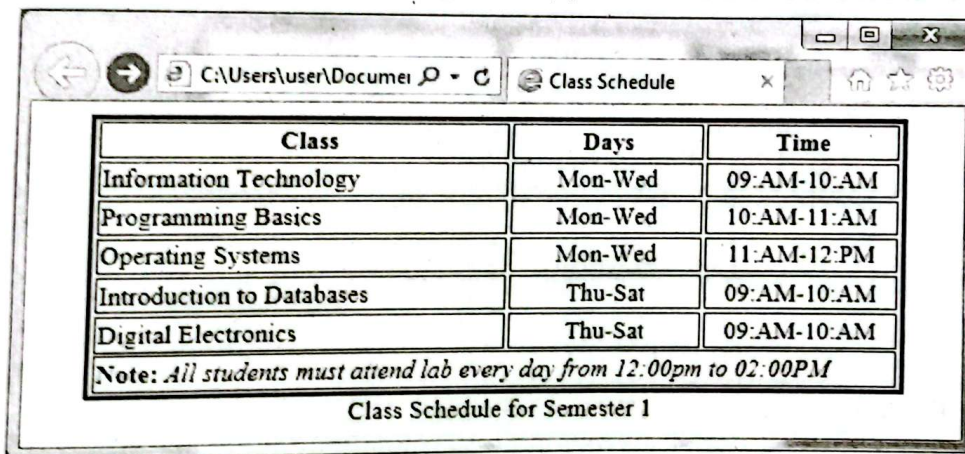


```

<TR>
  <TD>Information Technology</TD> <TD ALIGN="center">Mon-Wed</TD> <TD ALIGN="center">09:AM-
10:AM</TD>
<TR>
<TR>
  <TD>Programming Basics</TD> <TD ALIGN="center">Mon-Wed</TD> <TD ALIGN="center">10:AM-11:AM</TD>
<TR>
<TR>
  <TD>Operating Systems</TD> <TD ALIGN="center">Mon-Wed</TD> <TD ALIGN="center">11:AM-12:PM</TD>
<TR>
<TR>
  <TD>Introduction to Databases</TD> <TD ALIGN="center">Thu-Sat</TD> <TD ALIGN="center">09:AM-
10:AM</TD>
<TR>
<TR>
  <TD>Digital Electronics</TD> <TD ALIGN="center">Thu-Sat</TD> <TD ALIGN="center">09:AM-10:AM</TD>
<TR>
<TR>
  <TD COLSPAN=3> <B>Note:</B> <I>All students must attend lab every day from 12:00pm to 02:00PM</I></TD>
<TR>
<TABLE>
<BODY>
<HTML>

```

2. Save the file as "Prac14.html".
3. Double click "Prac14.html". The web page will appear in the browser as follows:



The screenshot shows a web browser window with the address bar displaying "C:\Users\user\Documents\Prac14.html" and the title "Class Schedule". The main content area displays a table with the following data:

Class	Days	Time
Information Technology	Mon-Wed	09:AM-10:AM
Programming Basics	Mon-Wed	10:AM-11:AM
Operating Systems	Mon-Wed	11:AM-12:PM
Introduction to Databases	Thu-Sat	09:AM-10:AM
Digital Electronics	Thu-Sat	09:AM-10:AM
Note: All students must attend lab every day from 12:00pm to 02:00PM		

Below the table, the text "Class Schedule for Semester 1" is displayed.

PRACTICAL 15 Create a webpage in HTML as follows:

- a. Display "Popular websites" on the title bar.
- b. Create the following list with hyperlink to open the websites:

Some popular websites of Pakistan are as follows:

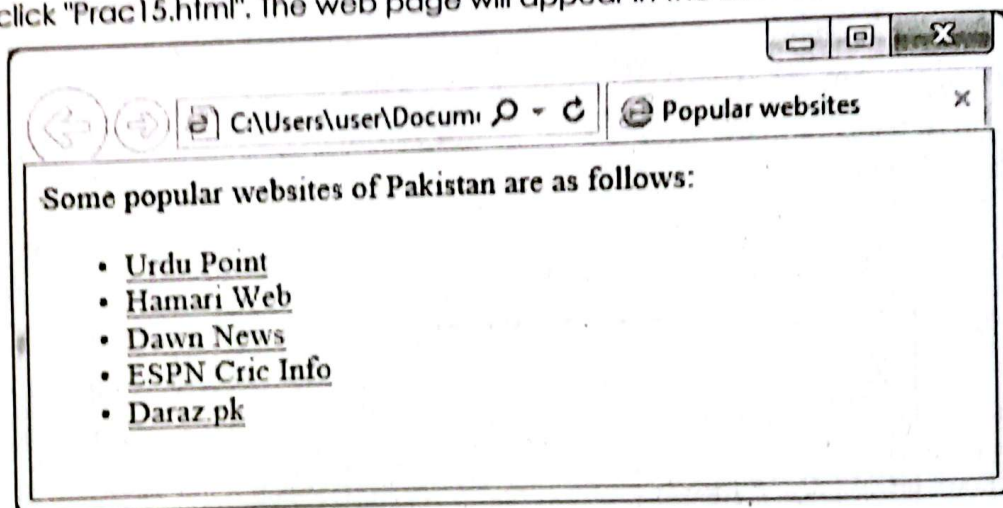
- Urdu Point
- Hamari Web
- Dawn News
- ESPN Cric Info
- Daraz Shopping

PROCEDURE

1. Open Notepad and type the following code:

```
<HTML>
<HEAD>
  <TITLE>Popular websites</TITLE>
</HEAD>
<BODY>
  Some popular websites of Pakistan are as follows:
  <UL>
    <LI><A HREF="http://www.urdupoint.com">Urdu Point</A>
    <LI><A HREF="http://www.hamariweb.com">Hamari Web</A>
    <LI><A HREF="http://www.dawn.com">Dawn News</A>
    <LI><A HREF="http://www.espncriinfo.com">ESPN Cric Info</A>
    <LI><A HREF="http://www.daraz.pk">Daraz.pk</A>
  </UL>
</BODY>
</HTML>
```

2. Save the file as "Prac15.html".
3. Double click "Prac15.html". The web page will appear in the browser as follows:

**PRACTICAL 16** Create a webpage in HTML as follows:

- a. Display "Flags" on the title bar.
- b. Create a table to display the name, flag and links to the official websites of three countries.
- c. The table must be center aligned with the caption "Countries and Flags".

PROCEDURE

1. Open Notepad and type the following code:

```
<HTML>
<HEAD>
  <TITLE>Flags</TITLE>
</HEAD>
<BODY>
  <TABLE BORDER=1 ALIGN="center">
```

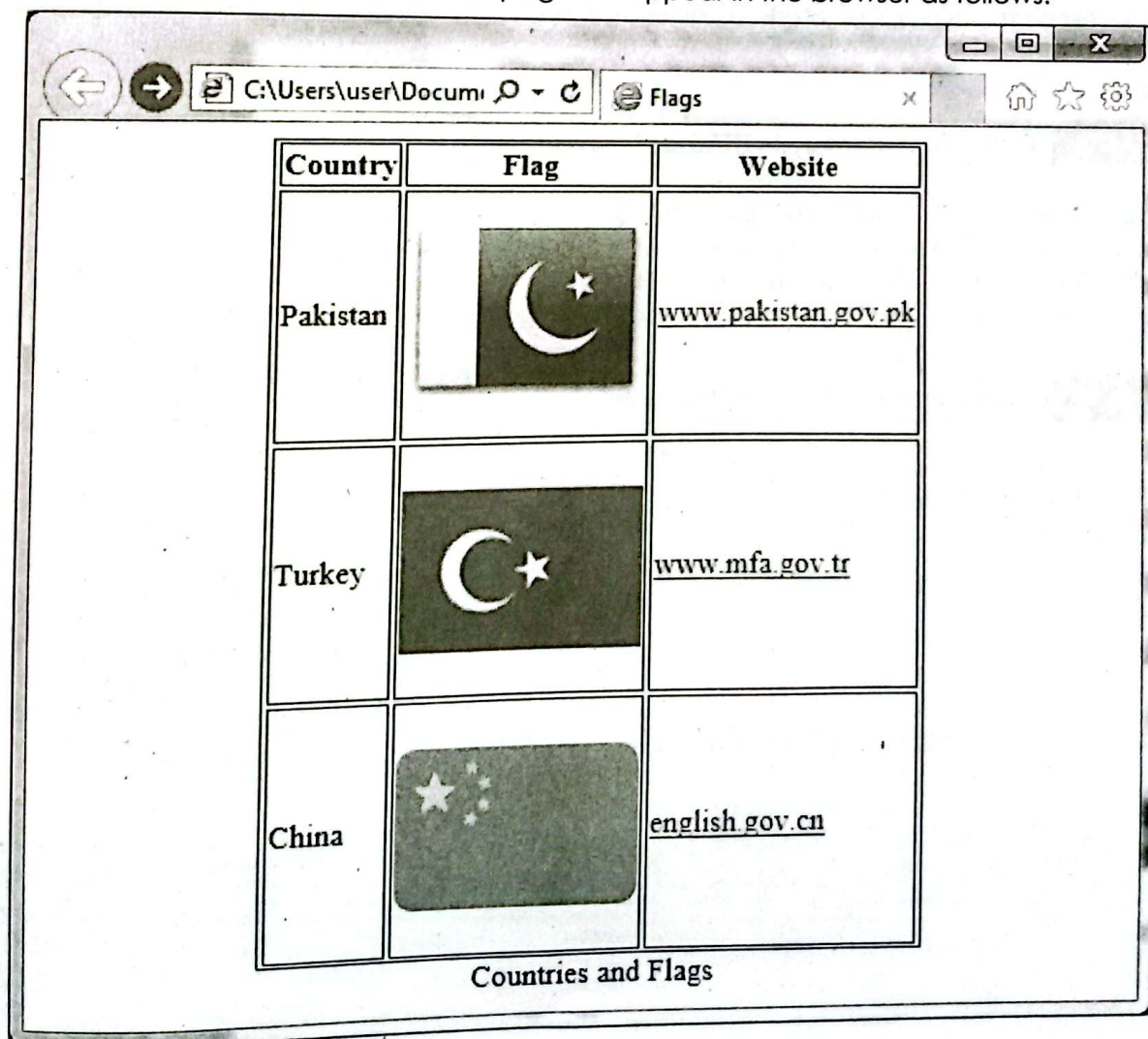


```

<CAPTION ALIGN="bottom">Countries and Flags</CAPTION>
<TR>
  <TH>Country</TH> <TH>Flag</TH> <TH>Website</TH>
</TR>
<TR>
  <TD>Pakistan</TD>
<TD><IMG SRC="Pak.png"></TD> <TD><A HREF="http://www.pakistan.gov.pk">www.pakistan.gov.pk</A></TD>
</TR>
  <TD>Turkey</TD>
<TD><IMG SRC="Turkey.png"></TD> <TD><A HREF="http://www.mfa.gov.tr">www.mfa.gov.tr</A></TD>
</TR>
  <TD>China</TD>
<TD><IMG SRC="China.png"></TD> <TD><A HREF="http://english.gov.cn">english.gov.cn</A></TD>
</TR>
</TABLE>
</BODY>
</HTML>

```

2. Save the file as "Prac16.html".
3. Double click "Prac16.html". The web page will appear in the browser as follows:



EXERCISE

PRACTICAL 1 Create a webpage in HTML as follows:

- Display "Superscript and Subscript" both on title bar and on the webpage in H3 heading size.
- Display the following text in blue color:
 - H_2SO_4
 - A^{N}
 - X^3Y^2

PRACTICAL 2 Create a webpage in HTML as follows:

- Display HTML on the title bar.
- Apply blue background and white foreground to the webpage
- A Centered heading (use the largest heading size) of **HTML**
- Display the following paragraph:

HTML stands for **Hyper Text Markup Language**. It is a formatting language used to develop web pages. It is very interesting and simple to use.

PRACTICAL 3 Create a webpage in HTML as follows:

- Display the equation: $34x^4 + 54x^3 + 62x^2 + 2x^1 = 0$.
- Display the Text **Pakistan is my country** center aligned on the page.
- Display the chemical formula H_2O , H_2SO_4 , NH_3
- Shows the name of 3 fruits in one column and colors in second column of table.

PRACTICAL 4 Create a webpage in HTML as follows:

- Display the following text:

Bold

Italics

Underline

X^3

H_2O

- Display the following without using Table tag.

Number	Square
5	25
7	49
9	81

PRACTICAL 5**Create a webpage in HTML as follows:**

- a. Display "My Favorite" in H3 heading size.
- b. Display the following contents on the web page.

My Favorites:

1. Books
 - Holly Quran
 - Alif Laila
2. Fruits
 - Mango
 - Apple

- c. Insert an image on the web.

PRACTICAL 6**Create a webpage in HTML as follows:**

- a. Display "College Organizational Structure" in H2 heading size.
- b. Display the following nested list:

College Organizational Structure

- Dean's Office
 - Dean
 - Associate Dean
 - Assistant Dean
 - Staff
 1. Science Staff
 2. Arts Staff
 3. Commerce Staff
- Department
 - A. Chairman
 - B. Assoc. Chairman
 - C. Faculty
 - Science
 - Arts
 - Commerce

PRACTICAL 7 Create a webpage in HTML as follows:

- Display "A nested List" in H2 heading size.
- Display the following contents on the webpage:

A nested List:

- Coffee
- Tea
 - Black tea
 - Green tea
- Milk

PRACTICAL 8 Create a webpage in HTML as follows:

- Display the following table:

Name	Course	Marks
Ahmad	B.Sc	600
Raza	B.A	500
Ramzan	B.Com	850

PRACTICAL 9 Create a webpage in HTML as follows:

- Display the following table:

M.C High School			
List of Student	Name	Gender	Age

PRACTICAL 10 Create a webpage in HTML as follows:

- Display the following table. The background color of heading row should be yellow and the background color of the column of person's names should be red.

Person	Age
Ali	38
Aslam	45
Raza	47
Anson	29
Aslam	32

- Apply yellow color to the background of heading row.
- Apply red color to the background of all names.

PRACTICAL 11 Create a webpage in HTML as follows:

- Display "Popular Search Engine" on title bar.
- Create the following list as hyperlinks to open the website:

Some popular search engines are as follows:

- Google
- Yahoo
- Bing
- Ask.com

VIVA VOCE**Q. Define World Wide Web.**

World Wide Web is a collection of web pages on the Internet. It is used to view information in the form of text, images, audio or video.

Q. Differentiate between Internet and World Wide Web.

The Internet is the largest network of computers around the world. World Wide Web is a collection of web pages on the Internet.

Q. Write names of some popular web browsers.

Some popular web browsers are Internet Explorer, Google Chrome, Mozilla Firefox and Opera.

Q. What is a website?

A collection of related webpages is called website. Each website has a unique address. Different types of websites provide different types of contents such as news, information, education etc.

Q. Define URL.

URL (Uniform Resource Locator) is an address of a web page on the Internet. Every web page has a unique address. A web page can only be accessed by using its URL.

Q. How can you access a web page?

The user can enter URL for the web page in the web browser and press enter.

Q. Define search engine.

Search engine is used to find the required information on the Internet. A user can enter any topic or word to search. The search engine displays a list of websites related to that word. Search engines are very powerful tools for finding information.

Q. What is HTML?

HTML stands for Hyper Text Markup Language. It is a formatting language used to develop web pages. It uses tags or markups to specify how the contents of web page will be displayed. HTML code can be written in any text editor like Notepad.

Q. Define HTML tag and element.

HTML tags are the keywords that denote different elements in HTML document. The HTML tags are surrounded by two angle brackets < >. The text between the start and end tags is called element.

Q. What are the attributes of HTML tags?

The attributes of HTML are used to specify the working of HTML tags. They provide additional information about the tags.

Q. What are two types of HTML tags?

Two types of HTML tags are container tags and empty tags. The container tags have start tag and end tag such as `<H1>` and `</H1>`. The empty tags have start tags but no end tag such as `<LI>`.

Q. Which are two main sections of an HTML page?

The two main sections of an HTML page are Head section and Body section. The Head section identifies the heading or title of document. The Body section contains the text that is displayed on a web page. The body section is enclosed within `<BODY>` and `</BODY>` tags.

Q. List some important attributes of BODY tag.

Some important attributes of `<BODY>` tag are `BGCOLOR`, `BACKGROUND` and `TEXT`. The `BGCOLOR` specifies the background color of the web page. `BACKGROUND` specifies the background picture of the web page. `TEXT` specifies the color of text displayed on web page.

Q. Which types of lists can be created in HTML?

Different types of lists are Ordered Lists, Unordered Lists and Definition Lists.

Q. What is an ordered list?

An ordered list is a list of items in which each item is marked with a number. Ordered list is also known as numbered list.

Q. What is the use of OL tag?

`<OL>` tag is used to create an ordered list. It stands for ordered list. `<LI>` tag is used with each item in the list. It stands for list item. It has no closing tag. `</OL>` tag is used to close an ordered list.

Q. What is an unordered list?

An unordered list is a list of items in which each item is marked with a symbol.

Q. What is the use of UL tag?

`<UL>` tag is used to create an unordered list. It stands for unordered list. `<LI>` tag is used with each item in the list. `</UL>` tag is used to close an unordered list.

Q. What is a definition list?

A definition list is not a list of items. It consists of terms and description of terms.

Q. What is hyperlink?

Hyperlink is an icon, graphic or text in a document that links to other document or object. Each website on the Internet contains many pages that are linked with one another. The links are used to move from one page to another on the Internet.

Q. Define <A> tag and HREF.

All hyperlinks are created with the anchor tag such as `<A>`. Its closing tag is `</A>`. The `HREF` attribute of `<A>` is used to specify the link destination such as `<A HREF="destination.html">`

Q. What are the three basic table elements?

The three basic table elements are `<TABLE>` `<TR>` `<TD>`.

Q. Define Table, TR, TD AND TH tag.

`<TABLE>` tag is used to define a table. `<TR>` tag is used to define a row in a table and `<TD>` tag is used to define a data cell. `<TH>` tag is used to define the header row of the table.

Q. What is the use of COLSPAN and ROWSPAN attribute of table.

The `COLSPAN` attribute specifies the number of columns for a cell. The `ROWSPAN` attribute specifies the number of rows for a cell.

Q. What is a frame?

A frame is a container window that can display a web page. It is used to break the web page into different sections. These sections work independently but appear simultaneously in the browser.