

HTML

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WHAT THE FOLLOWING TERM MEAN:

WEB SERVER: A SYSTEM ON THE INTERNET CONTAINS ONE OR MORE WEB SITE

WEB SITE: A COLLECTION OF ONE OR MORE WEB PAGES

WEB PAGES: SINGLE DISK FILE WITH A SINGLE FILE NAME

HOME PAGES: FIRST PAGE IN WEBSITE

WHAT IS HTML ?

□ HTML STANDS FOR HYPERTEXT MARKUP LANGUAGE, AND IT IS THE MOST WIDELY USED LANGUAGE TO WRITE WEB PAGES.

□ TECHNICALLY, HTML IS NOT A PROGRAMMING LANGUAGE, BUT RATHER A MARKUP LANGUAGE.

CREATING HTML DOCUMENT

- ❑ CREATING AN HTML DOCUMENT IS EASY.
- ❑ TO BEGIN CODING HTML YOU NEED ONLY TWO THINGS:
 - ❑ SIMPLE-TEXT EDITOR
 - ❑ WEB BROWSER.
- ❑ NOTEPAD IS THE MOST BASIC OF SIMPLE-TEXT EDITORS AND YOU WILL PROBABLY CODE A FAIR AMOUNT OF HTML WITH IT.

HTML DOCUMENT STRUCTURE

AN HTML DOCUMENT STARTS AND ENDS WITH `<HTML>` AND `</HTML>` TAGS. THESE TAGS TELL THE BROWSER THAT THE ENTIRE DOCUMENT IS COMPOSED IN HTML. INSIDE THESE TWO TAGS, THE DOCUMENT IS SPLIT INTO TWO SECTIONS:

1. THE `<HEAD>...</HEAD>` ELEMENTS, WHICH CONTAIN INFORMATION ABOUT THE DOCUMENT SUCH AS TITLE OF THE DOCUMENT, AUTHOR OF THE DOCUMENT ETC. INFORMATION INSIDE THIS TAG DOES NOT DISPLAY OUTSIDE.

2. THE `<BODY>...</BODY>` ELEMENTS, WHICH CONTAIN THE REAL CONTENT OF THE DOCUMENT THAT YOU SEE ON YOUR SCREEN.

FIRST EXAMPLE

<HTML>

<HEAD>

<TITLE>THIS IS DOCUMENT TITLE</TITLE>

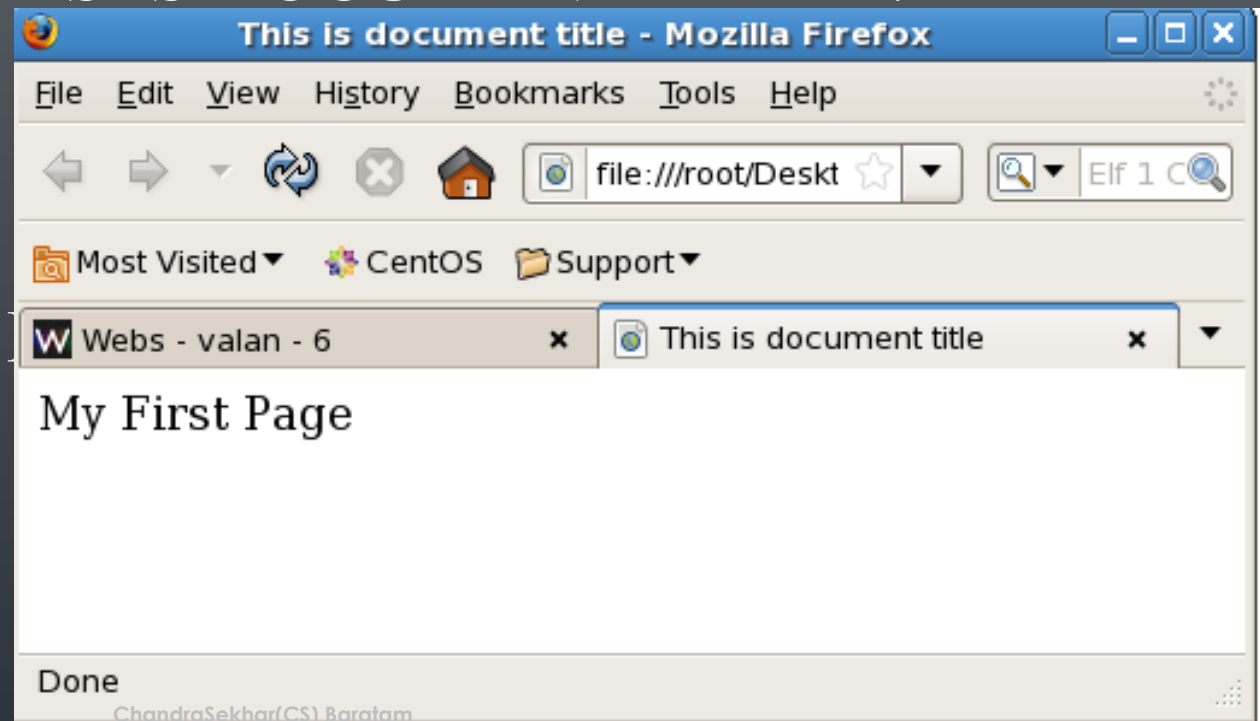
</HEAD>

<BODY>

MY FIRST

</BODY>

</HTML>



CREATE HEADINGS

<HTML><BODY>

<H1>THIS IS HEADING 1

<H2>THIS IS HEADING 2

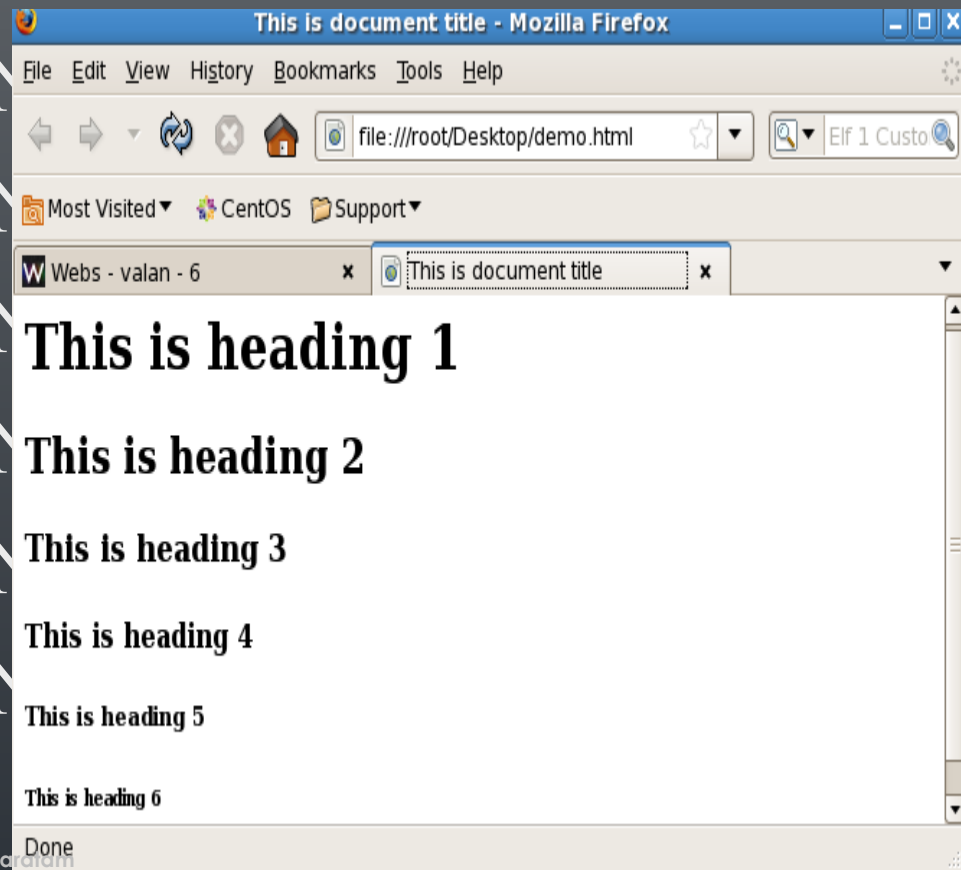
<H3>THIS IS HEADING 3

<H4>THIS IS HEADING 4

<H5>THIS IS HEADING 5

<H6>THIS IS HEADING 6

</BODY></HTML>



CREATE PARAGRAPH

<HTML>

<HEAD>

<TITLE>THIS IS DOCUMENT TITLE

</HEAD>

<BODY>

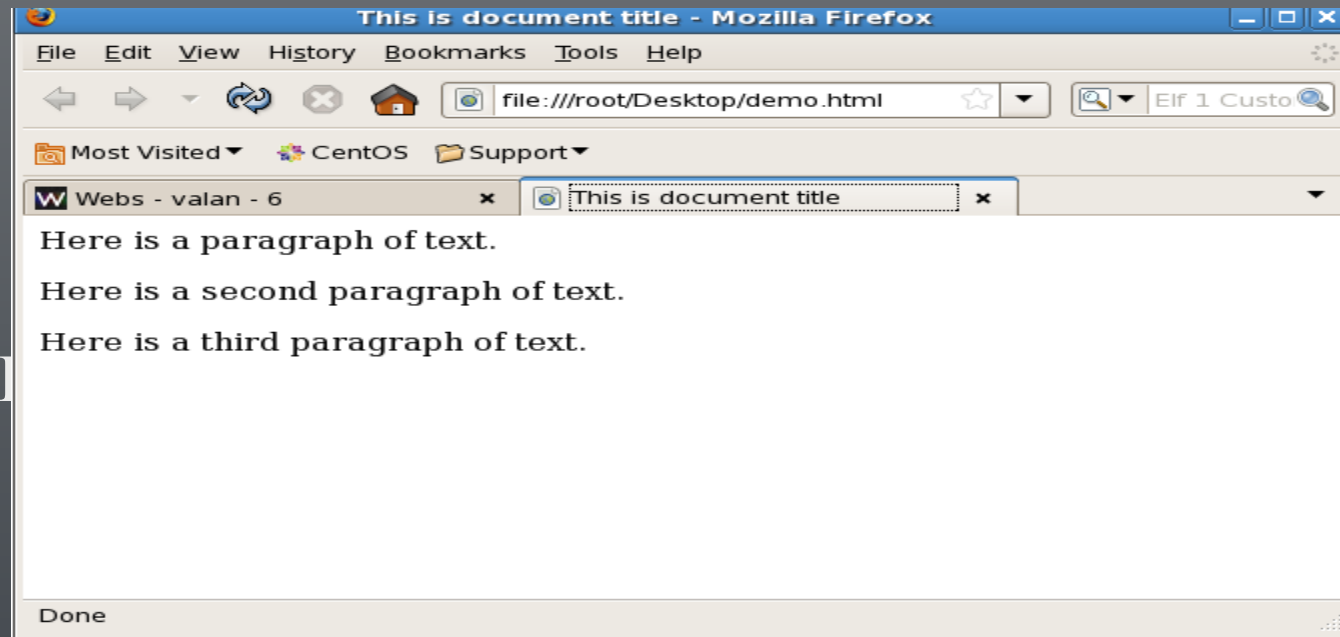
<P>HERE IS A PARAGRAPH OF TEXT.</P>

<P>HERE IS A SECOND PARAGRAPH OF TEXT.</P>

<P>HERE IS A THIRD PARAGRAPH OF TEXT.</P>

</BODY>

</HTML>



PARAGRAPH CONT.

<HTML>

<HEAD>

<TITLE>THIS IS DOCUMENT TITLE

</HEAD>

<BODY>

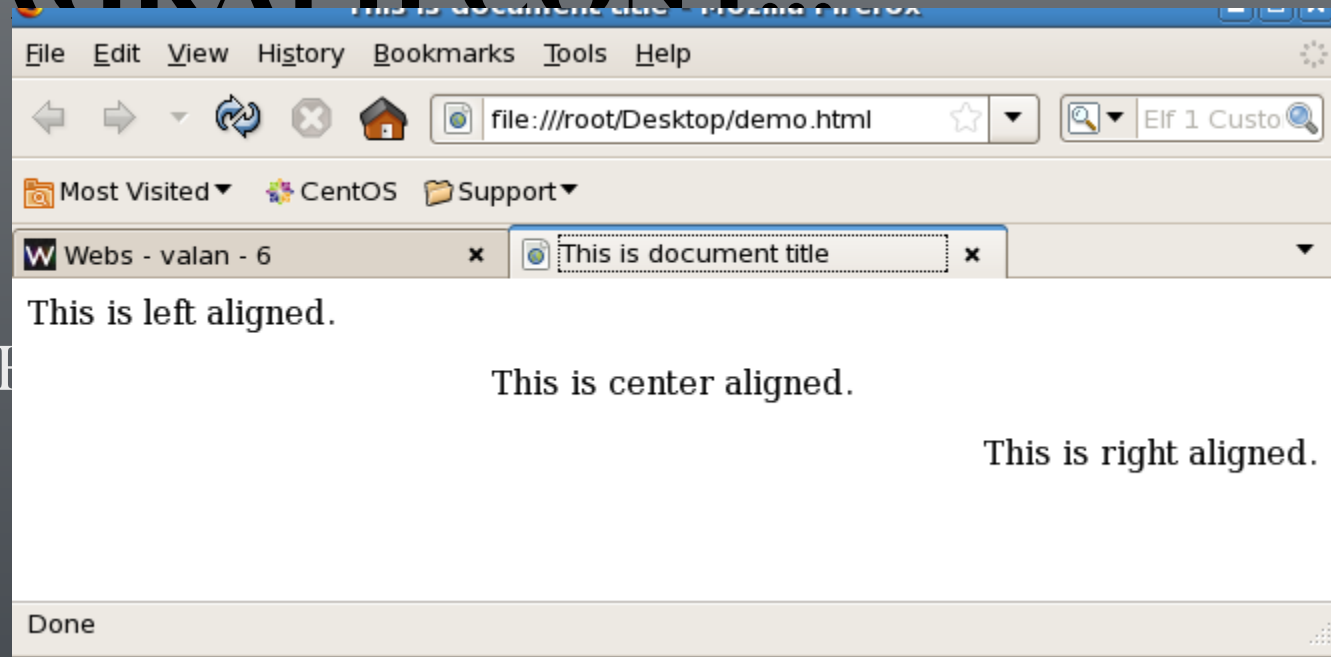
<P ALIGN="LEFT">THIS IS LEFT ALIGNED.</P>

<P ALIGN="CENTER">THIS IS CENTER ALIGNED.</P>

<P ALIGN="RIGHT">THIS IS RIGHT ALIGNED.</P>

</BODY>

</HTML>



CREATE LINE BREAKS

<HTML>

<HEAD>

<TITLE>THIS IS DOC

</HEAD>

<BODY>

HELLO

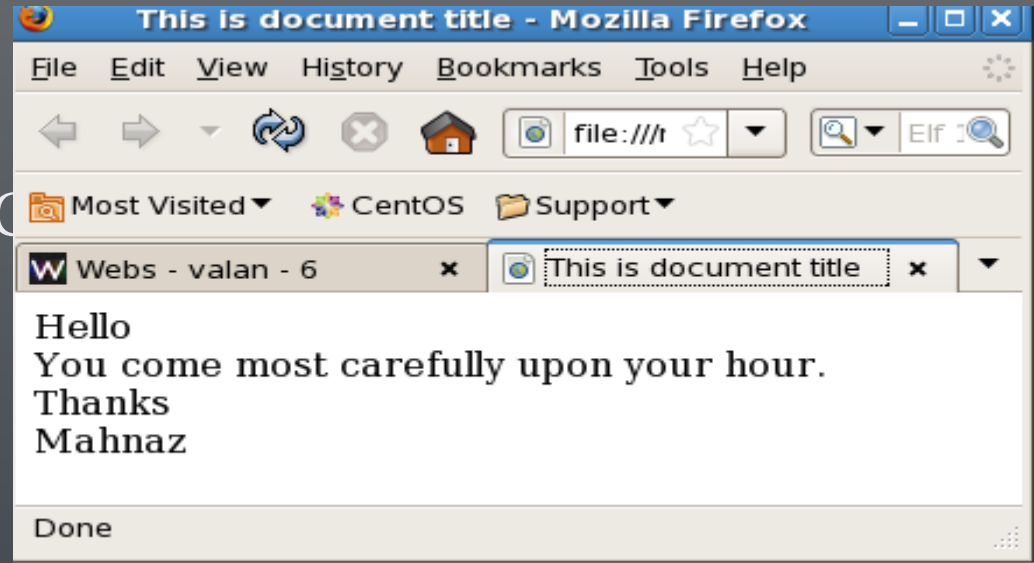
YOU COME MOST CAREFULLY UPON YOUR HOUR.

THANKS

MAHNAZ

</BODY>

</HTML>



CENTERING CONTENT

<HTML>

<HEAD>

<TITLE>THIS IS DO

</HEAD>

<BODY>

<P>THIS IS NOT IN THE CENTER.</P>

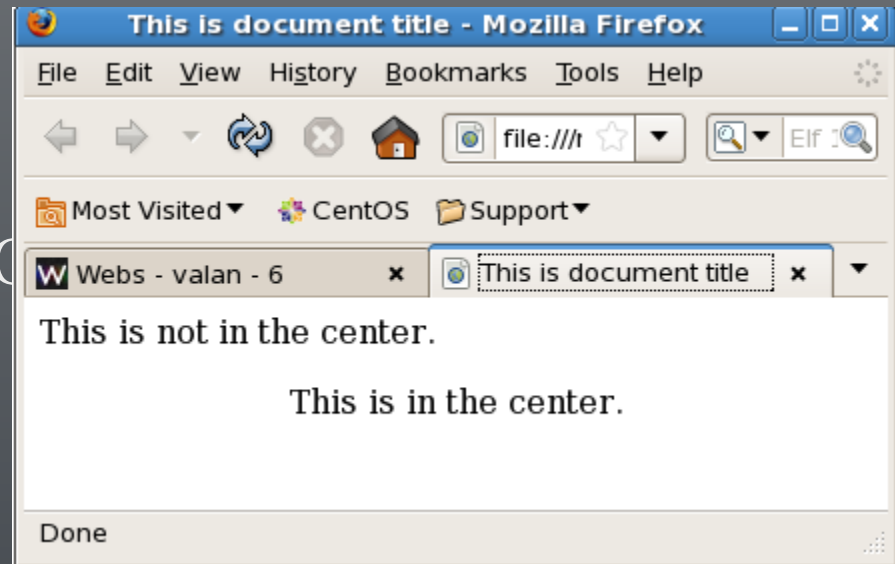
<CENTER>

<P>THIS IS IN THE CENTER.</P>

</CENTER>

</BODY>

</HTML>



HORIZONTAL RULES

<HTML>

<HEAD>

<TITLE>THIS IS DOCUMENT

</HEAD>

<BODY>

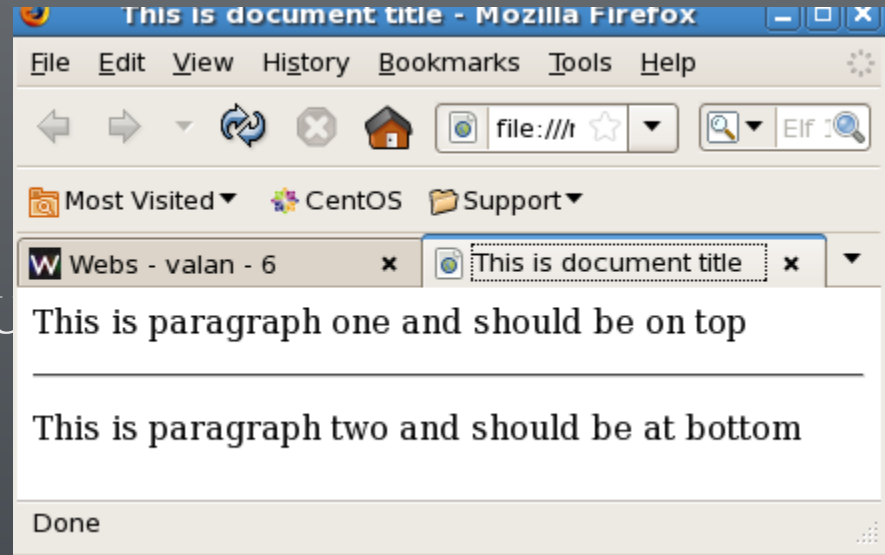
<P>THIS IS PARAGRAPH ONE AND SHOULD BE ON TOP</P>

<HR>

<P>THIS IS PARAGRAPH TWO AND SHOULD BE AT BOTTOM</P>

</BODY>

</HTML>



BOLD, ITALIC, UNDERLINED AND STRIKE TEXT

<HTML>

<HEAD>

<TITLE>THIS IS DOCUMENT TITLE</TITLE>

</HEAD><BODY>

THE FOLLOWING WORD USES A BOLD TYPEFACE.

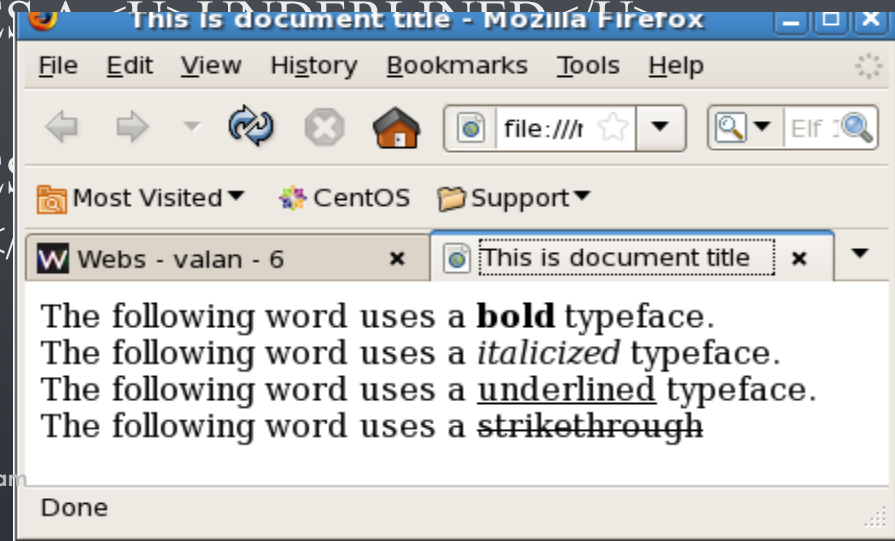
THE FOLLOWING WORD USES A <I>ITALICIZED</I>
TYPEFACE.

THE FOLLOWING WORD USES A <U>UNDERLINED</U>
TYPEFACE.

THE FOLLOWING WORD USES A
<STRIKE>STRIKETHROUGH</STRIKE>

</BODY>

</HTML>



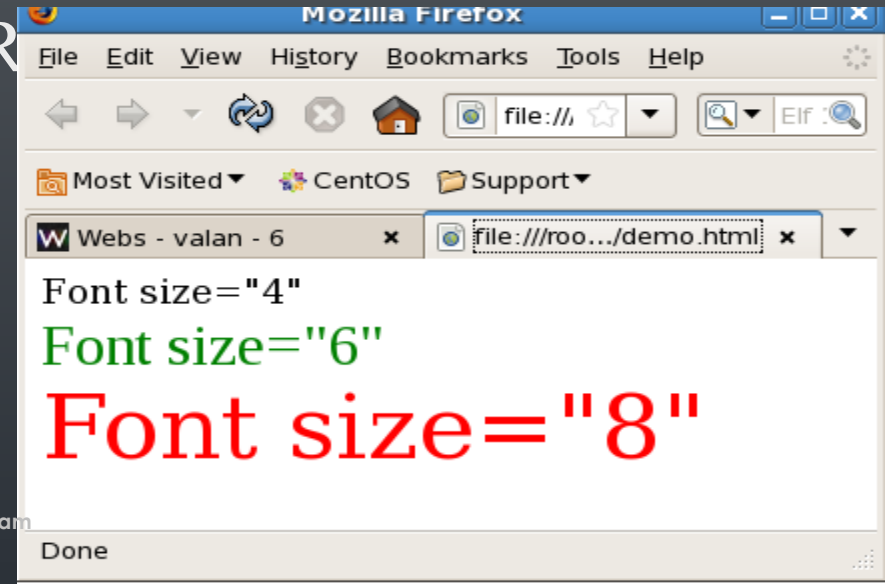
HTML FONTS

<HTML><BODY>

FONT
SIZE="4"

<FONT SIZE="6" FACE="TIMES NEW ROMAN"
COLOR="GREEN">FONT SIZE="6"

FONT
SIZE="8"



INSERT IMAGE

```
<HTML><BODY>  
<IMG SRC="LOCATION" />  
</HTML></BODY>
```

HTML BACKGROUND COLORS & IMAGES

1. <TAGNAME BGCOLOR="COLOR_VALUE"...>

EX:

```
<TABLE BGCOLOR="YELLOW" WIDTH="100%" >
```

2.<TAGNAME BACKGROUND="IMAGE URL"...>

EX:

```
<BODY BACKGROUND="/IMAGES/HTML.GIF" >
```


LINKS

HTML MARQUEES

`<MARQUEE>THIS IS BASIC EXAMPLE OF
MARQUEE</MARQUEE>`

`<MARQUEE DIRECTION="RIGHT">THIS TEXT WILL
SCROLL FROM LEFT TO RIGHT</MARQUEE>`

`<MARQUEE DIRECTION="UP">THIS TEXT WILL
SCROLL FROM BOTTOM TO UP</MARQUEE>`

TABLE

<HTML>

<BODY>

<TABLE BORDER="1">

<TR><TH>NAME</TH><TH>SALARY</TH></TR>

<TR><TD>RAMESH RAMAN</TD><TD>5000</TD></TR>

<TR><TD>SHABBIR HUSSEIN</TD><TD>7000</TD></TR>

</TABLE>

</BODY>

</HTML>



HTML UNORDERED LISTS

```
<HTML><BODY>
```

```
<CENTER><H2>MOVIE LIST</H2></CENTER>
```

```
<UL>
```

```
<LI>RAM TERI GANGA MELI</LI>
```

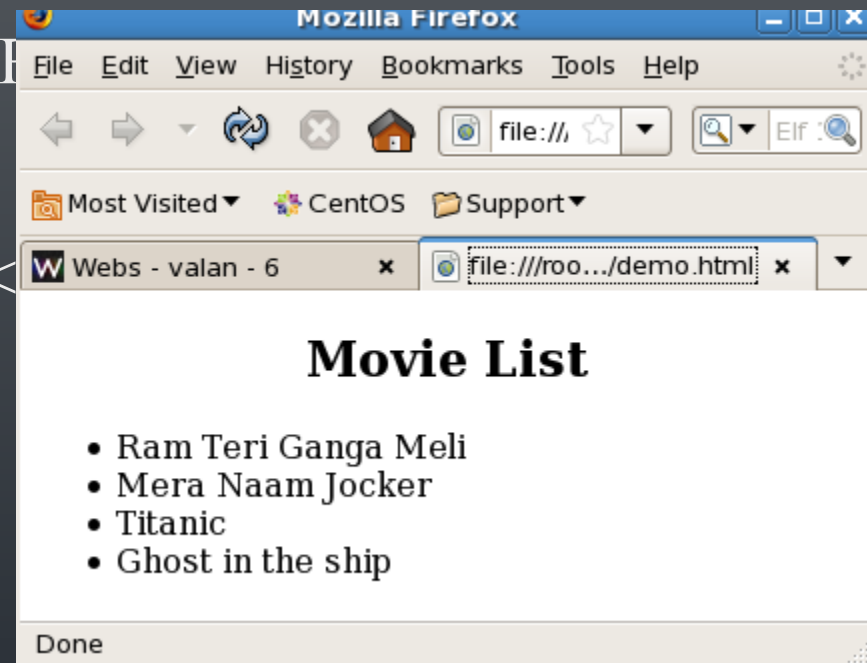
```
<LI>MERA NAAM JOCKER
```

```
<LI>TITANIC</LI>
```

```
<LI>GHOST IN THE SHIP<
```

```
</UL>
```

```
</BODY></HTML>
```



HTML ORDERED LISTS

<HTML>

<BODY>

<CENTER><H2>MOVIE LIST</H2></CENTER>

RAM TERI GANGA MELI

MERA NAAM JOCKER

TITANIC

GHOST IN THE SHIP

</BODY>

</HTML>



HTML FORMS

THERE ARE DIFFERENT TYPES OF FORM CONTROLS THAT YOU CAN USE TO COLLECT DATA FROM A VISITOR TO YOUR SITE.

TEXT INPUT CONTROLS

BUTTONS

CHECKBOXES AND RADIO BUTTONS

SELECT BOXES

FILE SELECT BOXES

HIDDEN CONTROLS

SUBMIT AND RESET BUTTON

AN EXAMPLE OF A FORM

First Name: Last Name:
Address #1:
Address #2:
City: State: Zip:
Country:

Product: ▼

Date Purchased:

Used for:

- ☐ Home
- ☐ Business
- ☐ Government
- ☐ Education
- ☐ Other

System (check all that apply):

- ☐ Windows
- ☐ Macintosh
- ☐ UNIX
- ☐ Other

Comments?:

SINGLE-LINE TEXT INPUT CONTROLS

```
<HTML><BODY>
```

```
<FORM>
```

```
FIRST NAME:<INPUT TYPE="TEXT" NAME="FIRST_NAME"/>
```

```
<BR>
```

```
LAST NAME:<INPUT TYPE="TEXT" NAME="LAST_NAME" />
```

```
<BR>
```

```
<INPUT TYPE="SUBMIT" VALUE="submit" />
```

```
</FORM>
```

```
</BODY>
```

```
</HTML>
```



PASSWORD INPUT CONTROLS

```
<HTML><BODY>
```

```
<FORM>
```

```
FIRST NAME:<INPUT TYPE="TEXT" NAME="FIRST_NAME"/>
```

```
<BR>
```

```
PASSWORD :<INPUT TYPE="PASSWORD" NAME="PASSWORD" />
```

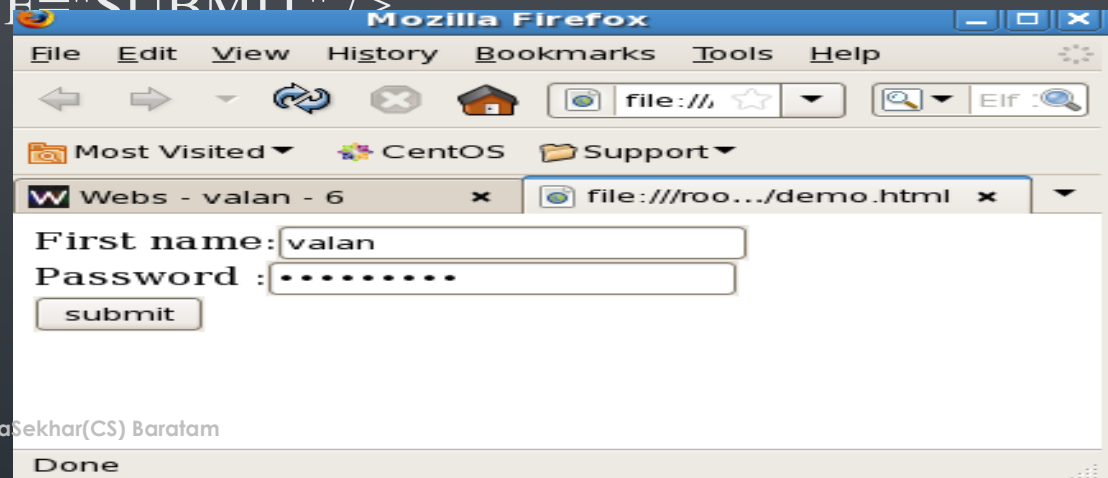
```
<BR>
```

```
<INPUT TYPE="SUBMIT" VALUE="SUBMIT" />
```

```
</FORM>
```

```
</BODY>
```

```
</HTML>
```



MULTIPLE-LINE TEXT INPUT CONTROLS

<HTML><BODY>

<FORM>

DESCRIPTION :

<TEXTAREA ROWS="5" COLS="50" NAME="DESCRIPTION">

ENTER DESCRIPTION HERE...

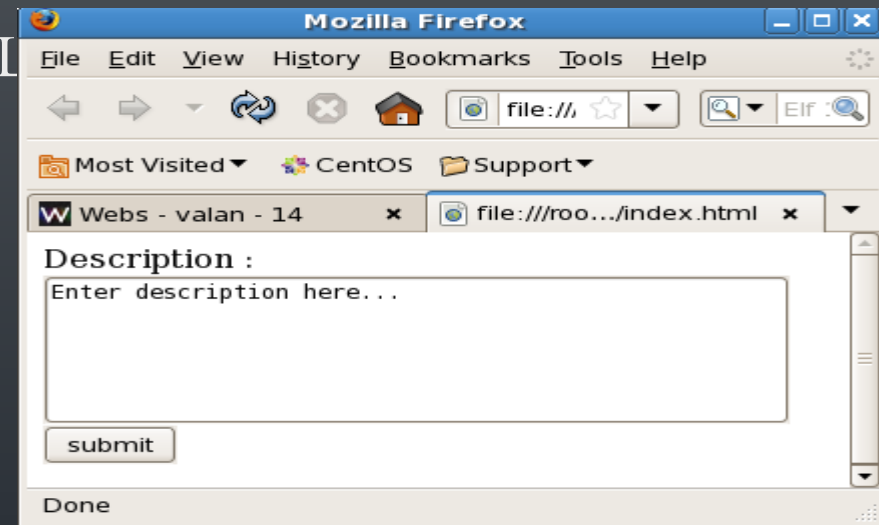
</TEXTAREA>

<INPUT TYPE="SUBMIT" VALUE="submit">

</FORM>

</BODY>

</HTML>



HTML FORMS - CHECKBOXES CONTROL

<HTML><BODY>

<FORM>

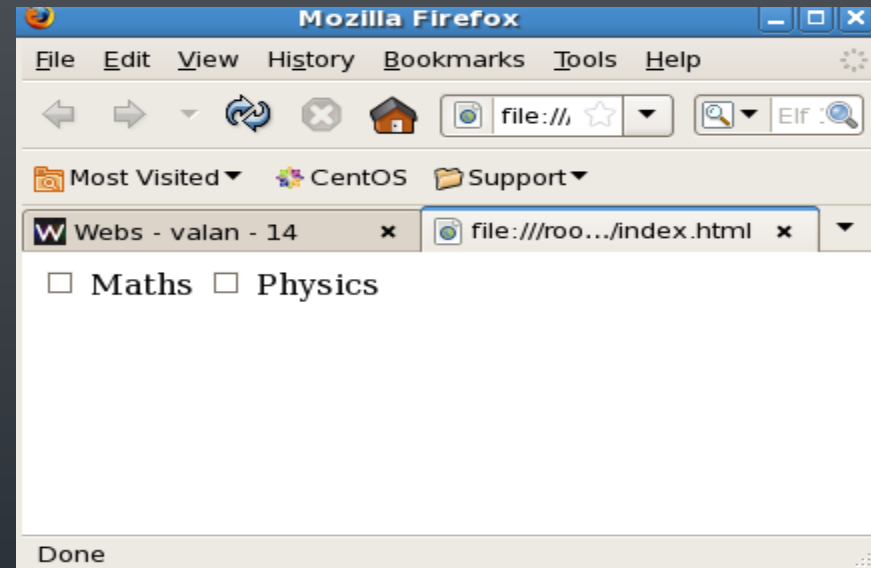
<INPUT TYPE="CHECKBOX" NAME="MATHS" >
MATHS

<INPUT TYPE="CHECKBOX" NAME="PHYSICS">
PHYSICS

</FORM>

</BODY>

</HTML>



HTML FORMS - RAIDOBX CONTROL

<HTML><BODY>

<FORM>

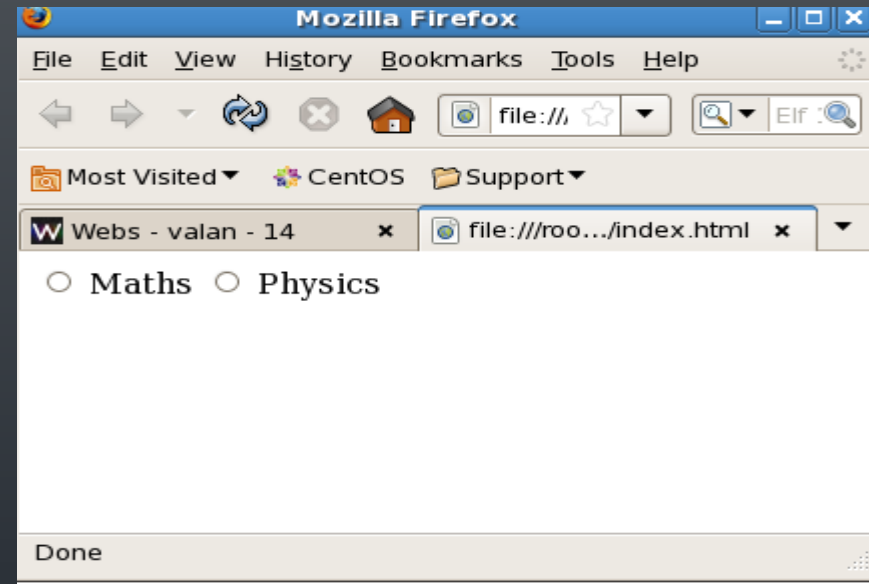
<INPUT TYPE="RADIO" NAME="MATHS" >
MATHS

<INPUT TYPE="RADIO" NAME="PHYSICS">
PHYSICS

</FORM>

</BODY>

</HTML>



HTML FORMS - SELECT BOX CONTROL

<HTML><BODY>

<FORM>

<SELECT NAME="DROPDOWN">

<OPTION VALUE="MATHS" SELECTED>MATHS</OPTION>

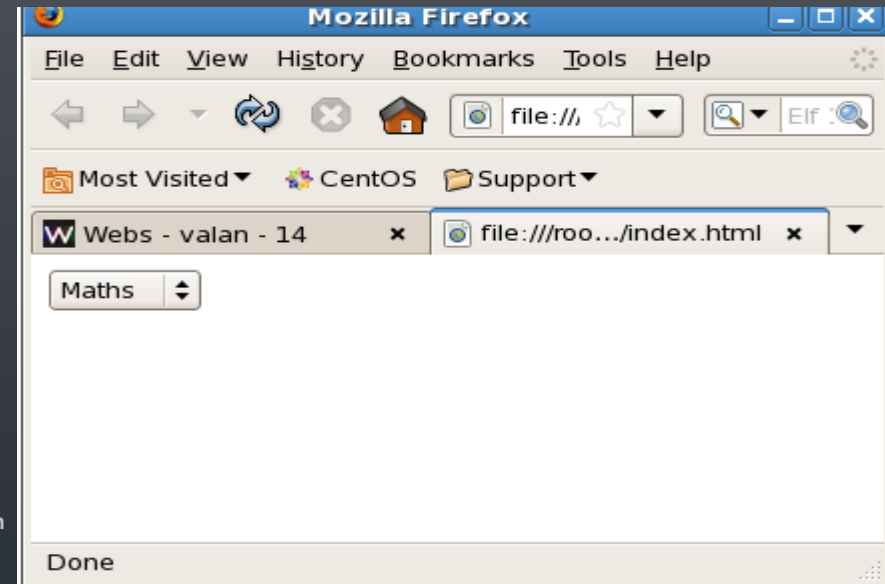
<OPTION VALUE="PHYSICS">PHYSICS</OPTION>

</SELECT>

</FORM>

</BODY>

</HTML>



HTML FORMS - FILE SELECT BOXES

<HTML><BODY>

<FORM>

<INPUT TYPE="FILE" NAME="FILEUPLOAD" />

</FORM>

</BODY>

</HTML>



FRAMES

<HTML>

<FRAMESET COLS="20%,60%,30%">

<FRAME SRC="ONE.HTML"/>

<FRAME SRC="TWO.HTML"/>

<FRAME SRC="THREE.HTML"/>

</FRAMESET>

</HTML>

FRAME CONT..

ONE.HTML

```
<HTML>
```

```
<BODY BGCOLOR="RED">
```

```
<CENTER>ONE PAGE</CENTER>
```

```
</BODY>
```

```
</HTML>
```

TWO.HTML

```
<HTML>
```

```
<BODY BGCOLOR="GREEN">
```

```
<CENTER>TWO PAGE</CENTER>
```

```
</BODY>
```

```
</HTML>
```


FRAME CONT..

THREE.HTML

```
<HTML>
```

```
<BODY BGCOLOR="BLUE">
```

```
<CENTER>THREE PAGE</CENTER>
```

```
</BODY>
```

```
</HTML>
```

OUTPUT

