HTML PARAGRAPH

Paragraph tag is used to make the paragraph
The paragraph tags are written inside the body tag
The ** ** element represents the html paragraph
In the paragraph tag you can add number in front of the **p** in order to be easily to identify the number of paragraph.the paragraph tag has an ending tag ** **

formular
<p(number of paragraph)>text

HTML CODE PROGRAMMING

```
<!DOCTYPE html><html>
<head>code programming
<title>programming technicals</title>
</head><body><br>
<p1> I am first paragraph in th body tag</p>
<p2> I am second paragraph in th body tag</p>
<p3> I am third paragraph in th body tag</p>
<p4> I am fourth paragraph in th body tag</p>
</body></html>
```

OUTPUT

code programming
I am first paragraph in th body tag

I am second paragraph in th body tag

I am third paragraph in th body tag

I am fourth paragraph in th body tag

HTML TEXT-FORMATTING

Formatting text is very assemtial for webpage It makes the webpage text to be more presentablb
Element of formatting text

<b>

It is the tag that is used to bold the text

<i>

It is the tag that is used to make the words (characters) to bend forward

<u>
It is the tag that is used to make the text to be underline

<code>
It is used to represent the computer code in the web page (the characters will be moonscape)

<tt>
It is the tag that is used to make the words as typewriter

<small>
It is the tag that is used to make the words small

****
Emphasizes a text. May be italized depend on the web browser

<q>
emqiotes a text

<s>
It is the tag that makes the line to pass through characters

<sub >
It is the tag that is used to make the word to appear below the line of a text

<sup>
It is the tag that is used to make the word to appear above the line of a text

HTML CODE PROGRAMMING

```
<!DOCTYPE html><html>
<head>code programming
<title>programming technicals
</title></head><body>
<b>I am a bolded text.</b><br>
<i> I am an italic text</i><br >
<u> I am an underlined text.</u><br>
```

```
<code> I am a code text.</code><br>
<tt> I am a typewriter text.</tt><br>
<small>I am a small text.</small><br>
<em>I am a an emphsized text.</em> <br>
<strong> I am a strong text</strong><br>
<mark> I am a marked text.</mark><br>
<q> I am an enquoted text.</q><br>
<s> I am a striked text.</s><br>
I am a <sup>superscripted text</sup><br>
 I am a <sub>subscripted text</sub><br>
<b><i><u><mark><code><q><sub><s>I am a</sub> mixed formatted<sup>
text.</sup> </q></mark> </u> </i> </b>
</body><br>
</html>
```

OUTPUT

code programming **I am a bolded text.**
I am an italic text
I am an underlined text.
`I am a code text.`
`I am a typewriter text.`
I am a small text.
I am a an emphsized text.
I am a strong text
I am a marked text.
" I am an enquoted text."
~~I am a striked text.~~
I am a superscripted text
I am a subscripted text
~~"I am a mixed formatted text."~~

HTMLCOLOR

Html color defines colour that we see on web pages

HOW COLOUR CAN BE REPRESENTED

Html color can be represented in three forms **by using its**

Colour name

It defines any valid colour by identify the colour name e.g

-red so the color will appear red in the webpage
- green so the color will appear green in the webpage

RGB colour value

It defines any colour by entering the numbers which represents the intensity of colour

RGB is the short form of the following colours

- Red
- Green
- Blue

In this form of representation of colours other colour different from those three colours redgreenblue they are formed through the mixture of those three colours e.g

- Red+blue=magenta
- Blue+green=cyan

RGB color intensity is identified by numbers from 0-125
the number show the intensity of the colour in mixture of all three colours
Note; the numbers must be inside the brackets

formula for represent the RGB colour

<coloured section name="(RRR,GGG,BBB)">

KEY

- **RRR; intensity value of red colour**
- **GGG; intensity value of green colour**
- **BBB; intensity colour of blue colour**

HEX color value

It defines the colours by using numbers and letters which represent the intensity of colours

The numbers and letter represent the color intensity of redgreenblue colours

The system of using number an letters

- Numbers are used from 0-9
- letters are used from a –f

Other colours can be represented by using the mixture of those three colours by representing the three colours intensity by using numbers and letters

Examples

- blue =#0000ff
- cyan=#00ffff

THE COLOURED SECTIONS

In this section we will learn two coloured sections

- **webpage colour**
- **font colour**

WEBPAGE COLOUR

The webpage can be coloured by using the HTML code

The tag for colouring the webpage can be written anywhere before the HTML closing tag

The tag that is used to colour the webpage is <body bgcolor=”colorname/value”>

Note;the webpage colouring tag is written inside the body tag there is no need to write the word body because the body tag also will take part as the tag for colour so you can write <bgcolor>

- **FONT COLOUR**

The words I the webpage also can be coloured by using html code

The code that is used to colour the characters in the webpage is<font color=”colour name/values”>

The font color has an closing tag</font color>the text inside the font color tag will be appear with the colour that is written in the starting tag of font colour

HTML colour code programming

```
<!DOCTYPE html>
<html>
<head>Code programming
<title>programming technicals</title><head>
<body><b>font color by name </b>
<font color="red"><br>
i am the red coloured text</font color> <b>font color by rgb value </b>
<font color="rgb(255,0,0)"> <br>
i am the red coloured text</font color>
<bt>font color by hex color value </b>
<font color="#ff0000"><br>
i am the red coloured text
</font color><br>
 </body></html>
```

OUTPUT

Code programming

font color by name

i am the red coloured text

font color by rgb value

i am the red coloured text

font color by hex color value

i am the red coloured text

HTML LIST

the<list> element used to identify the listed items

The text inside the <li> element the browser will considering it as the listed item

In web page the categories can be listed in three forms which are

1. Order list
2. Unorder list
3. Definition list

Order list

is the arrangement of categories by numbering

The <ol> element represent the order list

THE ORDER LIST ATTRIBUTES

type

Is the attribute that is used to identify the type numbering

start

Is the attribute that is used to identify the starting point of numbering type

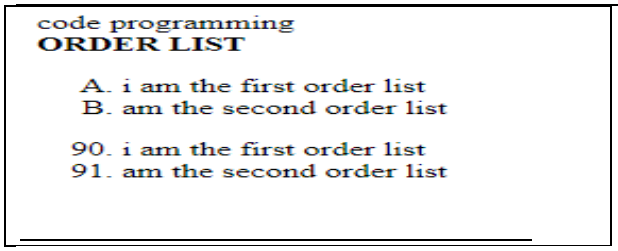
note; The listed items should be in the list tag

HTML CODE PROGRAMMING

```
<!DOCTYPE html><html>
<head>code programming
<title>programming technicals</title>
</head><body><br><b>ORDER LIST</b>
<ol type="A" start="A">
<li>i am the first order list</li>
<li> am the second order list</li></ol>
<ol type="1" start="90">
```

<li>i am the first order list</li>
<li> am the second order list</li>
</ol></body></html>

OUTPUT


code programming
ORDER LIST

A. i am the first order list
B. am the second order list

90. i am the first order list
91. am the second order list

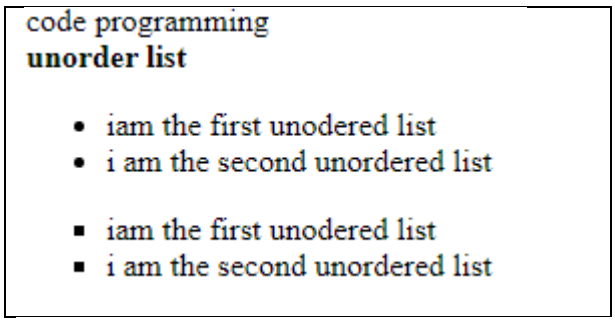
Unordered list

is the arrangement of items by using bullets
The <ul> element is used to represent the unordered list
The type attribute is used to specify the type of bullet example circle

HTML CODE PROGRAMMING

<!DOCTYPE html><html>
<head>code programming
<title>programming technicals
</title></head><body>
unorder list
<ul type="cricle" ><li>iam the first unodered list</li>
<li>i am the second unordered list</li></ul><ul type="square" >
<li>iam the first unodered list</li>
<li>i am the second unordered list</li></ul></body></html>

OUTPUT


code programming
unorder list

- iam the first unodered list
- i am the second unordered list

- iam the first unodered list
- i am the second unordered list

Definition list

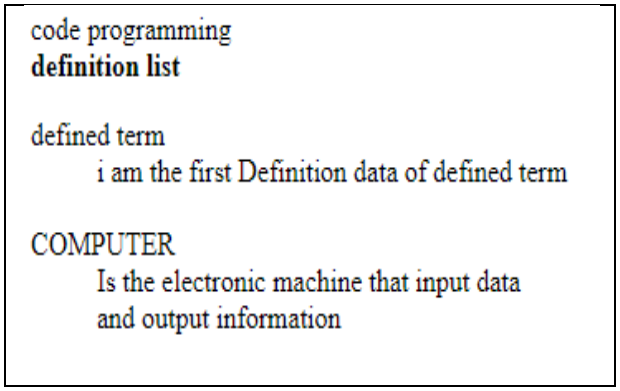
Is the arrangement of items in form of glossary
The <dl> define the define the definition list
In definition list the following tags are used for different purpose
<dl>
identify the definition list
<dt>
identity the defined term
<dd>
identify defined data of defined term

note; In definition list the list tag will not be used but it used <dd><dt> to replace the puporse of the list tag

HTML CODE PROGRAMMING

```
<!DOCTYPE html><html>
<head>code programming
<title><!DOCTYPE html>
programming technicals
</title></head><body><br>
<b>definition list</b><dl>
<dt>defined term</dt>
<dd>i am the first Definition data of defined term</dd><br>
<dt>COMPUTER</dt>
<dd>Is the electronic machine that input data and output information
</dd></dl></body></html>
```

OUTPUT



HTML MARQUEE

An HTML marquee is a scrolling piece of text displayed either horizontally across or vertically down or up the web page depending on the settings. Normal marquee text flow from right to left

The marquee tag have the it's attributes in order to make it more presentable

formular

<marquee attribute name="attribite value".....more attribute> marquee text</marquee>

EXAMPLE OF NORMAL MARQUEE TEXT

```
<!DOCTYPE html><html>
<head>code programming
<title>programming technicals
</title></head><body>
<marquee>
I am the marquee text
</marquee>
</body></html>
```

OUTPUT

code programming

← I am a marquee text ←

HTML marquee attributes

width

This is an attribute that control the starting point of marquee text in the web page.the width attribute value can be in form of percentage or pixels scale

HTML_CODE_PROGRAMMING

```
<!DOCTYPE html><html>
<head>code programming
<title>programming technicals
</title></head>
<body><br>
<b>marquee text with width attribute</b><br>
<marquee width="50%">
i am a marquee text
```

```
</marquee><br>
<marquee width="200px">
i am a marquee text
</marquee></body></html>
```

OUTPUT

code programming
marquee with width attribute
← i am a marquee text ←|
←| i am a marquee text ←|

height

This is an attribute that control the
From marquee text its self downward the web page.the height attribute value is represented in pixels scale

HTML CODE PROGRAMMING

```
<!DOCTYPE html><html>
<head>code programming<br>
<title>programming technicals
</title></head><body>
<b>marquee height attribute</b>
<marquee height="27px">
i am the marquee text</marquee>
<marquee height="28px">
i am the marquee text
</marquee></body></html>
```

OUTPUT

code programming
marquee with height attribute
← i am the marquee text ←

← i am the marquee text ←

direction

this specifies the direction in which marquee text should scroll(flow)

the direction values

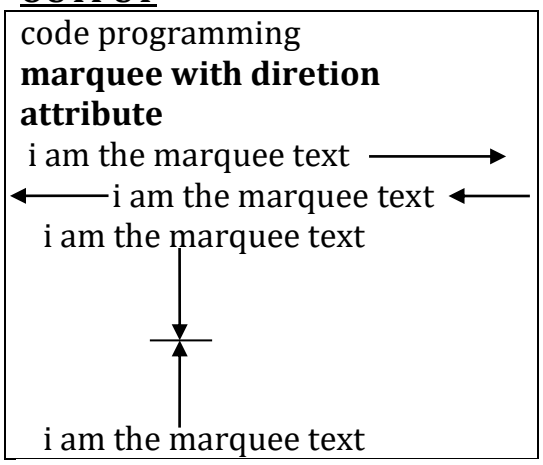
- **up;**

- ✓ the marquee text will scroll from down to up
- ➢ **down;**
- ✓ the marquee text will scroll from down to up
- ➢ **right;**
- ✓ the marquee text will scroll left to right
- ➢ **left;**
- ✓ the marquee text will scroll from right to left
- ✓

HTML CODE PROGRAMMING

```
<!DOCTYPE html><html>
<head>code programming
<title>programming technicals</title>
</head><body>
<b>marquee with direction
attribute</b>
<marquee direction="right">
i am the marquee text</marquee>
<marquee direction="left">
i am the marquee text</marquee>
<marquee direction="down">
i am the marquee text</marquee>
<marquee direction="up">
i am the marquee text</marquee>
</body></html>
```

OUTPUT



behavior

this specify the type of scrolling of the marquee text.

The behavior values

- **scroll**
- ✓ The marquee text will flow forever towards the selected direction
- **slide**
- ✓ The marquee text will flow once towards the selected direction
- **alternate**
- ✓ The marquee text will flow forever towards the selected direction and turn back from where it start to flow

HTML CODE PROGRAMMING

```
<!DOCTYPE html><html>
<head>code programming<br>
<title>programming technicals</title>
</head><body>
<b>marquee with behavior
attribute</b>
<marquee behavior="scroll">
i am the marquee text</marquee>
<marquee behavior="slide">
i am the marquee text</marquee>
<marquee behavior="alternate">
i am the marquee text</marquee>
</body></html>
```

OUTPUT

code programming
marquee with behavior attribute
← i am the marquee text ←

|← i am the marquee text

→ i am the marquee text →

scrolldelay

This specifies the time to delay between each jump. The unit of scroll delay is millseconds

1ms=1000s

Scrolldelay=one word pre milseconds

HTML CODE PROGRAMMING

```
<!DOCTYPE html><html>
<head>code programming
<title>programming technicals</title>
</head><body>
<b>marquee scrolldelay attribute</b>
<marquee scrolldelay="2000">
i am the marquee text</marquee>
<marquee scrolldelay="500">
i am the marquee text
</marquee>
</body></html>
```

OUTPUT

code programming
marquee with height attribute
← i am the marquee text ←

← i am the marquee text ←

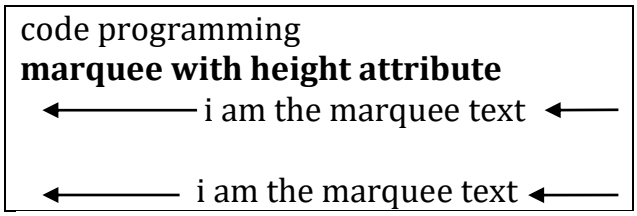
scrollamount

This specifies the speed of the marquee text. This can have the value like 10

HTML CODE PROGRMMING

```
<!DOCTYPE html><html>
<head>code programming<br>
<title>programming technicals
</title></head><body>
<b>marquee scrollamount attribute</b>
<marquee scrollamount="90">
i am the marquee text</marquee>
<marquee scrollamount="50">
i am the marquee text
</marquee>
</body>
</html>
```

OUTPUT



loop

This specify how many times the marquee text should flow.

In order to make a loop in the marquee text you must put the number with t to represent times

Example;<marquee loop=”2t”>so the text will flow two times

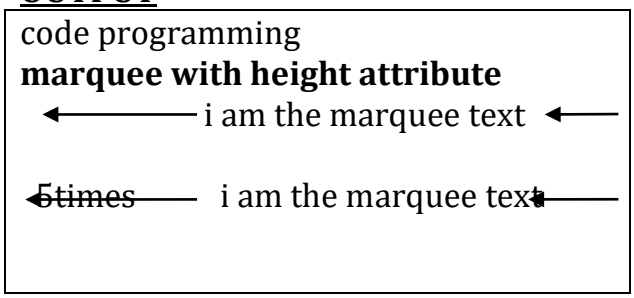
the default value is

infinite; which means that marquee text will flow (scroll) forever

HTML CODE PROGRAMMING

```
<!DOCTYPE html>
<html>
<head>code programming<BR>
<title>programming technicals
</title>
</head>
<body>
<b>marquee loop attribute</b>
<marquee loop="infinity">
i am the marquee text
</marquee>
<marquee loop="5t">
i am the marquee text
</marquee></body></html>
```

OUTPUT



bgcolor

This specify the background color of the marquee text

HTML CODE PROGRAMMING

```
<!DOCTYPE html><html>
<head>code programming
<title>programming technicals
</title></head><body>
<b>marquee bgcolor attribute</b>
<marquee bgcolor="blue%">
i am the marquee text</marquee>
<marquee bgcolor="red">
i am the marquee text
</marquee>
</body></html>
```

OUTPUT

code programming

marquee with height attribute

← i am the marquee text ←

← i am the marquee text ←

hspace

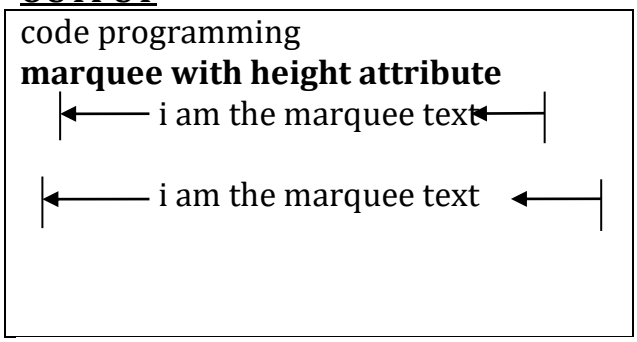
This specify the horizontal space(distance) around the marquee text. the hspace attribute value represented in percentage form or in pixels scale

HTML CODE PROGRAMMING

```
<!DOCTYPE html>
<html>
<head>code programming
<title>programming technicals
</title>
</head>
<body>
<b>marquee hspace attribute</b>
```

```
<marquee hspace="50%">
i am the marquee text</marquee>
<marquee hspace="20px">
i am the marquee text
</marquee></body></html>
```

OUTPUT



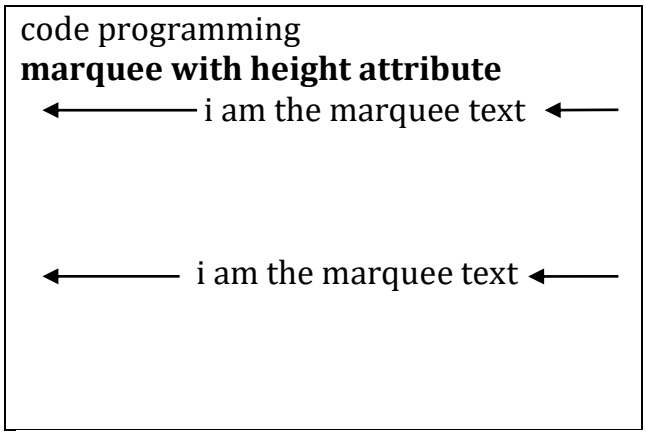
vspace

tjis specify the vertical space around the marquee text.the vspace attribute value can be represented in percentage form

HTML CODE PROGRAMMING

```
<!DOCTYPE html><html>
<head>code programming
<title>programming technicals
</title></head><body>
<b>marquee vspace attribute</b>
<marquee vspace="20%">
i am the marquee text</marquee>
<marquee vspace="50">
i am the marquee text
</marquee></body></html>
```

OUTPUT



HTML IMAGES

HTML images help a web site to be more attractive for visitors
To put an image we simply need use the <img> tag with src attribute

THE HTML IMAGES ATTRIBUTE

src
Define the images' URL or file path

alt
Provide an alternative text for an image if the image will not be displayed in the webpage.
Sometimes the image may not load on the users browser because of slow connection, slow server, image is deleted on the directory or wrong URL value specified in the src attribute

width
Defines the width of the image

length
Define the height of the image

HTML CODE PROGRAMMING

```
<!DOCTYPE html><html>
<head>code programming
<title>programming technicals
</title></head><body><br>
```

The text in the alt will not displayed
 because the emage is displayed in the web page
<imgsrc="pikipiki.jpg"alt="motorcycle picture">
The emage below do not display in the web browser
and when you put alt attribute with a short text it will desplay
<img src="pikipik.jpg" alt="motorcycle picture"></body></html>

OUTPUT

code programming
The text in the alt will not displayed
because the emage is displayed in the web page

The emage below do not display in the web browser
and when you put alt attribute with a short text it will desplay
motorcycle picture

HTML AUDIO

HTML VIDEO

To enter the video in web page we use <vidio> with src attribute
You can specify a text inside the the vidio element that will be shown as a fallback in browsers that don't support embedded videos

VIDEO ATTRIBUTES

autoplay
It control specified embedded video to be play automatically

controls
It commands the browser to provide the controls key for the embedded video

loop
It specified, the embedded video will play over and over again in an endless loop

muted
it specified, the embedded video will play without sound(muted)

poster
It specifies a file path that points to an image file that will be shown while the file is downloading

src
It specifies the file path that points to be video file

width
It specifies the width of the embedded video to display in the web page it can be either in percentage or pixels

height
It specifies the height of the embedded video to display in the web page

HTML youTubes videos
how to embed the YouTube video and embed the video on webpage

1. create the youtube channel with any google account

2. upload the vidio that we want to add to our website
3. embed the video to our website
4. click share
5. click embed
6. copy the code from the box that appears
7. paste the code to your HTML code

HTML TABLE

Is the representation of the data/information in column and rows.
The **<table>** element represents an HTML table.
NOTE; the data in the table are entered in form of row that's why in any case of entering data /information in the table all data /information should be inside the **<tr>** tag

HTML table elements

<thead>
It is the tag that consists the data/information that are entered at the top of the table rows

<tbody>
It is the tag that consists the data/information that are entered as the expression of the table head

<tfooter>
It is the tag that consists the data/information that are entered at the bottom of the table rows

<tr>
It is tag that is used to entire data/information in the table

<colspan>
It is the tag that is used to specify how many columns should be merged(spanned)

<th>
It is the tag that is used to specify the data/information that are entered in the header of the table

<td>
It is the tag that is used to specify the
data /information as the expression of header columns of a table.

<rowspan>
It is the tag that is used to specify how many rows should be merged(spanned)

<colgroup>
It is the tag that is used to select group of one or more columns that should have specific characteristics in the table

- **<col>**

It is the tag that is inside the colgroup tag which specify the properties of the colgroud

<caption>
It the tag that used to put the text as the head of the whole table

HTML Table attributes

align
It is the attribute that is used to make to have specified side to be appear in the browser

bgcolor
It is the attribute that control the background colour of the table

border
It is an attribute that is used to control the size of the border

cellpadding
is used to control the size of the cell in a table

frame
It is used to control the outside border lines

Values of the frame

- **above**

✓ The border line will appear only above (top) the table

- **below**
- ✓ The border line will appear Only at the bottom of the table
- **vsides**
- ✓ The border line will appear only in vertically sides
- **hsides**
- ✓ The border line will appear only in horizontally sides
- **Box**
- ✓ The border lines will appear in all sides

rules
is used to control the border lines inside the table
Values of the rules

- **cols**
- ✓ The border lines will appear between columns
- **rows**
- ✓ The border lines will appear between rows
- **all**
- ✓ he border lines will appear between columns and rows

summary
Defines an alternative text that summarizes the content of the table

width
It is an attribute that is used to control the width of the table .It can be in form of pixels o percentage

border-collapse with value of "collapse"
It is used to rid off the cell border

border-spacing
Is used to control the between the border

HTML TABLE CODE PROGRAMMING

1. NORMAL TABLE

```
<!DOCTYPE html><html>
<head> CODE PROGRAMMING
<title>programming technicals</title>
</head><body >
<table>
<thead><tr>
        <th> First Name </th>
        <th> Last Name </th></tr>
</thead>

<tbody><tr>
        <td>JACKSON </td>
        <td>JUMA</td></tr>
</tbody>
<tfoot><tr>
        <td>BAKARI</td>
        <td> BARAKA </td></tr>
</tfoot></table><br>
</body></html>
```

OUTPUT

CODE PROGRAMMING

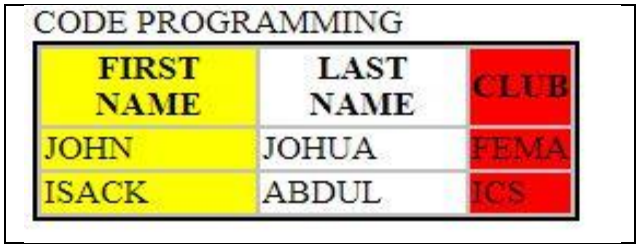
First Name	Last Name
JACKSON	JUMA
BAKARI	BARAKA

2.TABLE WITH COLGROUP

```
<!DOCTYPE html>
```

```
<html>
<head>CODE PROGRAMMING
<title>programming technicals
</title></head>
<body ><table style="background-color: silver; width: 50%; border: 2px solid
black">
<colgroup>
<col style="background-color: yellow">
<col style="background-color: white">
<col style="background-color: red">
</colgroup><thead>
<tr>
<th> FIRST NAME </th>
<th> LAST NAME </th>
<th> CLUB </th>
</tr>
</thead>
<tbody>
<tr>
<td> JOHN </td>
<td> JOHUA </td>
<td> FEMA </td>
</tr>
<tr>
<td> ISACK </td>
<td> ABDUL </td>
<td> ICS </td>
</tr>
</tbody>table>
</body></html>
```

OUTPUT



3.TABLE WITH COL AND ROW SPAN

```
<!DOCTYPE html>
<html>
<head>CODE PROGRAMMING
<title>programming technicals
</title></head>
<body ><table border="2px">
<tr>
<th colspan="4"> CLUB RECORDS</th>
</tr>
<tr>
<th> FIRST NAME </th>
<th> LAST NAME </th>
<th> CLUB </th>
</tr>
</thead>
<tbody>
<tr>
<td> JOSHUA </td>
<td> DAUDI </td>
<td rowspan="2"> ICS </td>
</tr><tr>
<td> ISACK </td>
<td> JUMA </td>
</tr>
</tbody>
</table></body></html>
```

OUTPUT

CODE PROGRAMMING

CLUB RECORDS		
FIRST NAME	LAST NAME	CLUB
JOSHUA	DAUDI	ICS
ISACK	JUMA	

4.TABLE WITH BORDER-COLLPSAN,BOREDR-SPACING AND CELL SPACING

```
<!DOCTYPE html>
<html>
<head>CODE PROGRAMMING
<title>programming technicals
</title></head>
<body ><table border="1px cellpadding="0px" style="border-collapse:collapse" >
<tr>
<th> FIRST NAME </th>
<th> LAST NAME </th>
<th> CLASS </th>
</tr>
</thead>
<tbody>
<tr>
<td> RAJABU </td>
<td> DAUDI </td>
<td> FORM 3 D </td>
</tr><tr>
<td> SALUMU </td>
<td> JUMA </td>
<td> FORM 2 F  </td></tr>
</tbody></table></body></html>
```

OUTPUT

CODE PROGRAMMING

FIRST NAME	LAST NAME	CLASS
RAJABU	DAUDI	FORM 3 D
SALUMU	JUMA	FORM 2 F

HTML FORM

HTML forms can be used to collect user data, make the login form, registration , search form, contact form

The **<form>** element define an HTML form

HTML forms attributes

accept charset

Defines the characters set of the form

action

It is an attreibute that is used to control action of the form after been submitted

autocomplete

Command the browser to automatically complete the form elements

enctype

Defines the encoding of the data submitted by the form

method

Defines the http(hypertext transfer protocol) method to use when submitted by the form e.g GET form POST

name, id,class

Used to specify the form for the purpose of styling and document object manipulation

novalidate

Tells browser not to be validate the form

onsubmit

It used to call JavaScript function

target

Defines the target of the form e.g
target="blank",form handler will be opened
in new tab

autocapitalize

It command the browser that the entered data/information automatically should be capitalized according to the value entered

THE VALUES OF AUTOCAPITALIZE

- **sentences**
  automatically should be capitalized after Command the browser that the entered data/information each sentence
- **words**
  Command the browser that the entered data/information automatically should be capitalized after each words
- **characters**
  Command the browser that the entered data/information automatically should be capitalized after each characters

autofocus
It specifies whether a form control should be focused as the page loads

autocomplete
It commands the browser to complete the filled data (text value) automatically

disable
Commands the browser to make the entered
value to be unchanged (un editable)

max
Commands the browser to control the
maximum characters in the form that should
be entered

maxlenght
Commands the browser to control the number of maximum characters in the form that should be entered

min
Commands the browser to control the minimum characters in the form that should be entered

minlenght
Commands the browser to control the number of Maximum characters in the form that should be
Entered

multiple

Commands the browser to control the data when submitted to a server.The page handle can get the value of input by referring to its name when it is submitted

pattern

Commands the browser to control regular expression that an inputs value is checked against

placeholder

It provide the words that will be appear in the text area in order to explain to a user what to should be written

required

It commands the browser that the form should be filled before submitted

spellcheck

It commands the browser that the data/information entered in the form should have spellings and grammatical checked

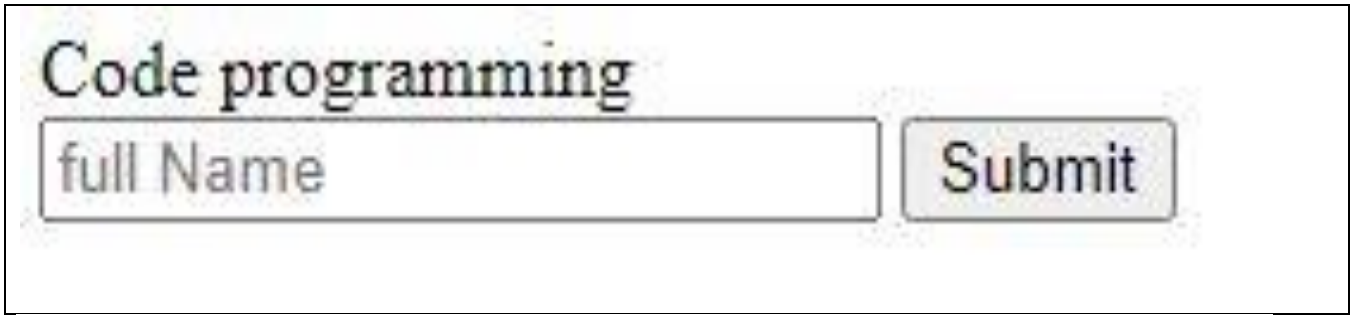
wrap

It specifies how a text field should be wrapped in the form

HTMLCODE PROGRAMMING

```
 <! DOCTYPE html><html>
<head>Code programming
<title>programming technicals
</title></head><body>
<form action="form.html" method="GET">
<input type="text" name="full name"
 placeholder="full Name" / >
<input type="submit" >
 </form></body></html>
```

OUTPUT



HTML FORM CATEGORIES

- **FORM INPUT TYPE**
- **BUTTON**
- **FORM LEGEND**
- **LOGIN FORM**
- **FORM FIELD SET**
- **FORM BUTTON**
- **FORM LEBEL**

- ## FORM INPUT TYPE

This tag specify the type of input form in the web page
The **<input>** element is a form element

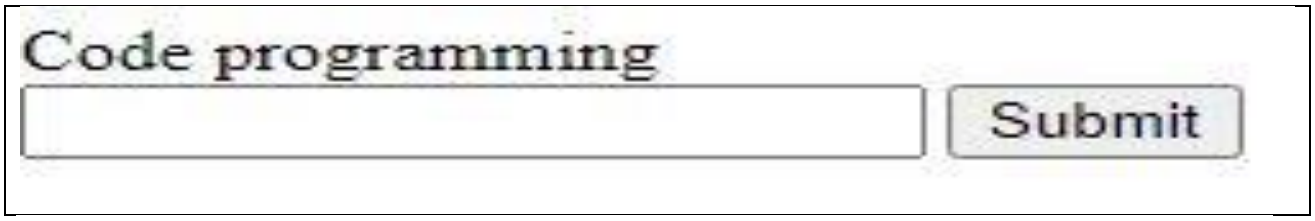
THE INPUT ATTRIBUTES VALUE

text
It commands the browser to provide a single line space for entering the text that a user can write a text(comment)

HTMLCODE PROGRAMMING

```
<! DOCTYPE html><html>
<head>Code programming
<title>programming technicals
</title></head><body><form>
<input type="text">
<input type="submit"></form>
</body></html>
```

OUTPUT



checkbox

Commands the browser to provide the polygon structures that contain words that a user can choose according to its judgment.
The value of a checkbox could either be checked or unchecked

HTMLCODE PROGRAMMING

```
<!DOCTYPE html><html>
<head>code programming
<title>programming technicals</title>
</head><body><form>
<input type="checkbox"><br>
<input type="checkbox"><br>
<input type=”submit”></form>
</body></html>
```

OUTPUT

color

It is used to command the browser to provide an area that is rectangular in shape that the user can choose the color when its clicked due to its judgment

HTMLCODE PROGRAMMING

```
<!DOCTYPE html><html>
<head>code programming
<title>programming technicals</title>
</head><body><form>
<input type="color" ><br>
<input type="submit"></form>
</body></html>
```

OUTPUT

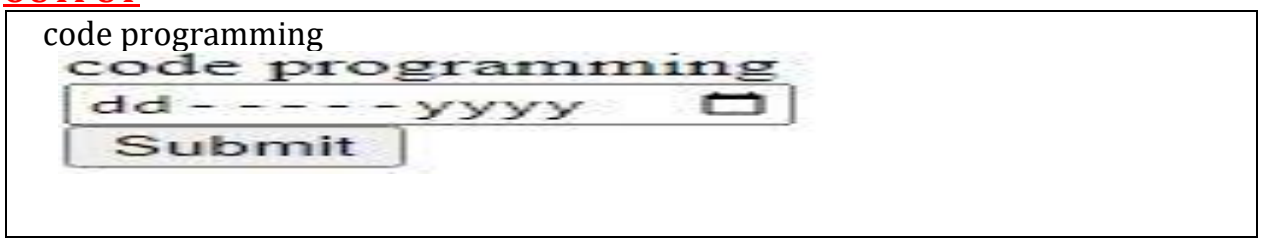
date

It commands the browser to provide the instruction of date that a user can put the date due to the instruction get

HTMLCODE PROGRAMMING

```
<! DOCTYPE html><html>
<head>code programming
<title>programming technicals
</title></head><body><form>
<input type="date"><br>
 <input type="submit">
</form></body></html>
```

OUTPUT



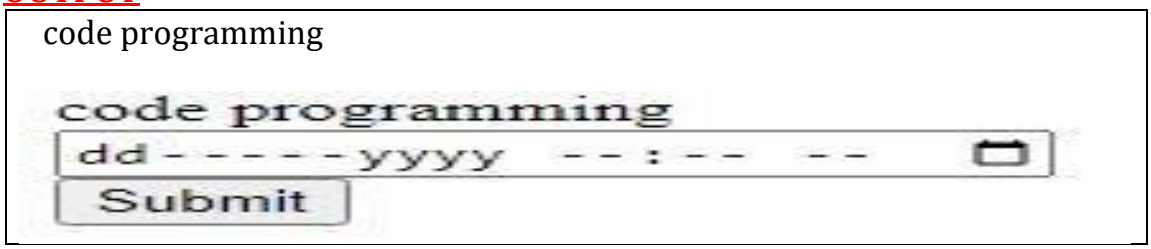
datetime-local

commands the browser to provide the instruction for entering date and time

HTMLCODE PROGRAMMING

```
<!DOCTYPE html><html>
<head>code programming
<title>programming technicals
</title></head><body><form>
<input type="datetime-local" ><br>
</form></body></html>
```

OUTPUT



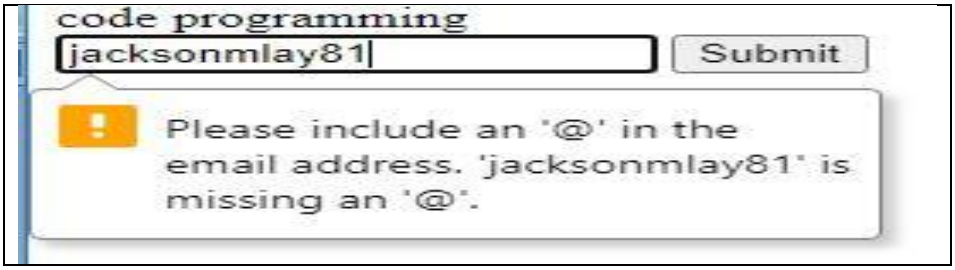
email

Commands the browser to provide the text area for entering only an email so it will consider the @ symbol and other things that an email compose

HTMLCODE PROGRAMMING

```
<!DOCTYPE html><html>
<head>code programming
<title>programming technicals</title>
</head><body><form>
<input type="email" >
<input type="submit">
</form></body></html>
```

OUTPUT



File

Commands the browser to control the user to enter the file from its device that used to enter in the web page/website. This helps a user to enter file in the webpage

HTMLCODE PROGRAMMING

```
<!DOCTYPE html><html>
<head>code programming<br>
<title>programming technicals</title>
</head><body><form>
<input type="file"><br>
<input type="submit"></form>
</body></html>,
```

OUTPUT

hidden

Commands the browser to hide the text

HTMLCODE PROGRAMMING

```
<!DOCTYPE html><html>
<head>code programming
<title>programming technicals
</title></head><body><form>
<input type="hidden">
<input type="submit">
</form></body></html>
```

OUTPUT

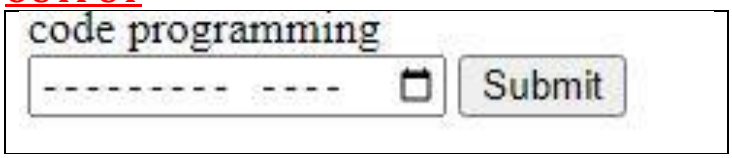
month

Commands the browser to provide instruction for entering month of the year

HTMLCODE PROGRAMMING

```
<!DOCTYPE html><html>
<head>code programming
<title>programming technicals</title>
</head><body><form>
<input type="month">
<input type="submit"><form>
</body></html>
```

OUTPUT



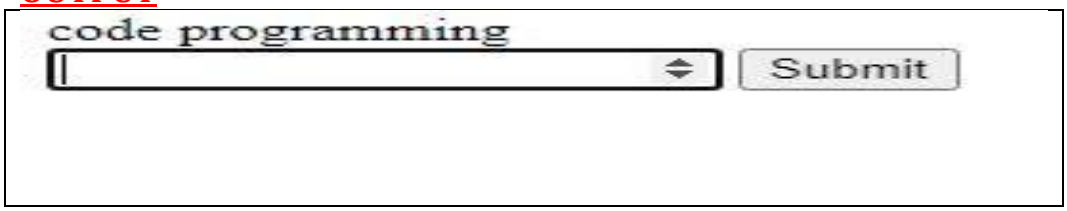
number

Commands the browser to allow only numbers to be entered

HTMLCODE PROGRAMMING

```
<!DOCTYPE html><html>
<head>code programming
<title>programming technicals</title>
</head><body><form>
<input type="number">
<input type="submit"></form>
</body></html>
```

OUTPUT



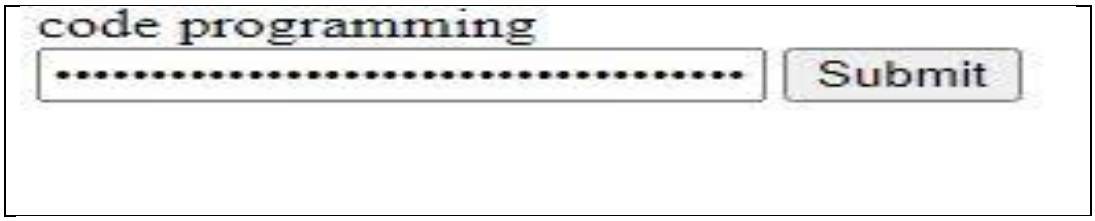
password

commands the browser to encrypt the entered text by sing bullet .example will be shown in the output

HTMLCODE PROGRAMMING

```
<!DOCTYPE html><html>
<head>code programming
<title>programming technicals
</title></head><body><form>
<input type="password">
<input type="submit"></form>
</body></html>
```

OUTPUT



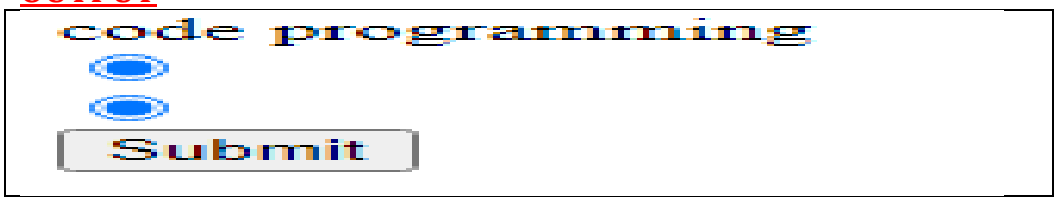
radio

commands the browser that a single value only to be selected out of multiple choices

HTMLCODE PROGRAMMING

```
<!DOCTYPE html><html>
<head>code programming
<title>programming technicals
</title></head><body ><form>
<input type="radio" name="gender"><br>
<input type="radio" name="gender"><br>
<input type="submit">
</form></body></html>
```

OUTPUT



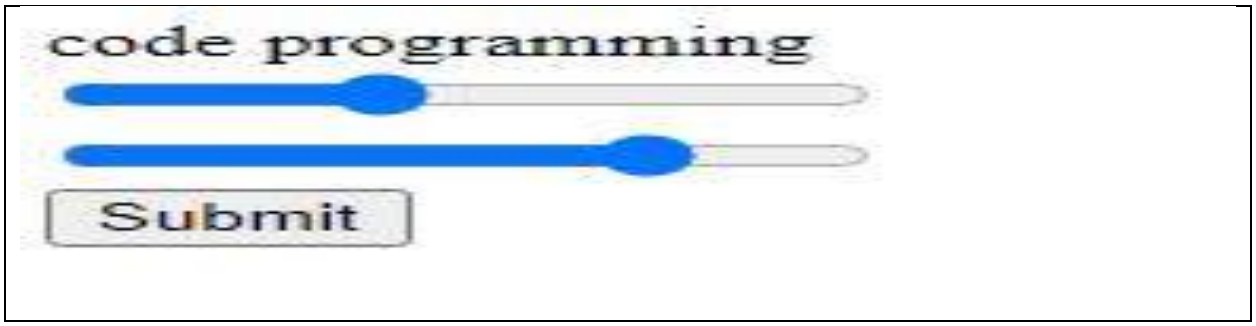
range

Commands the browser to provide the instruction for entering range

HTML CODE PROGRAMMING

```
<!DOCTYPE html><html>
<head>code programming
<title>programming technicals
</title></head><body><form>
<input type="range"><br>
<input type="range"><br>
<input type="submit"><br></form>
</body>
</html>
```

OUTPUT



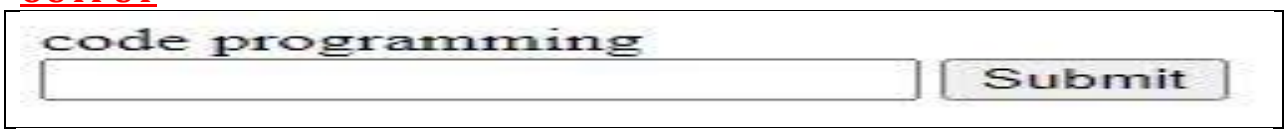
tel

Commands the browser to provide the instruction for entering phone number

HTML CODE PROGRAMMING

```
 <!DOCTYPE html><html>
<head>code programming
<title>programming technicals
</title></head><body><form>
<input type="tel" >
<input type="submit">
</form></body></html>
```

OUTPUT



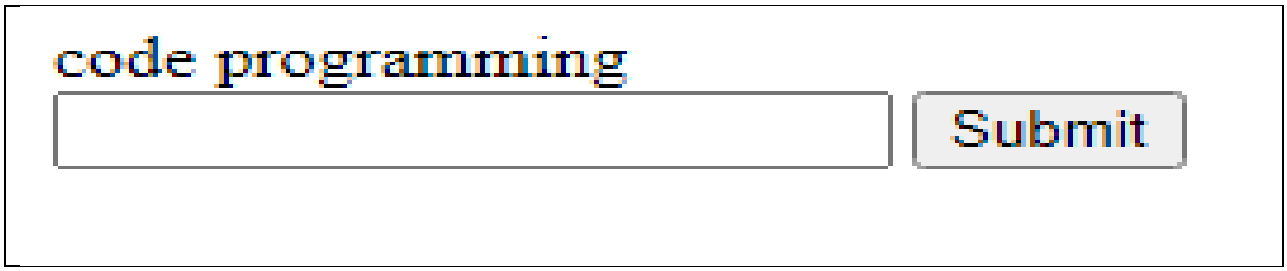
search

Commands the browser to provide the instruction for searching words (things)

HTML CODE PROGRAMMING

```
<!DOCTYPE html><html>
<head>code programming
<title>programming technicals
</title></head><body><form>
<input type="search">
<input type="submit">
</form></body></html>
```

OUTPUT



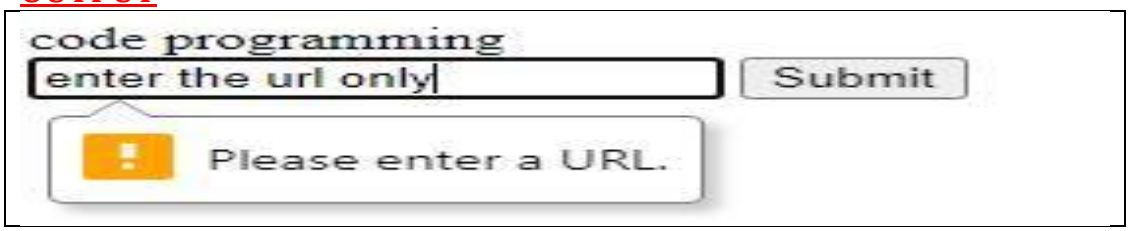
URL

A single line of text field for emtering a URL if the form is submitted and the URL provided is not valid the user will be warned

HTML CODE PROGRAMMING

```
 <!DOCTYPE html><html>
<head>code programming
<title>programming technicals
</title></head><body><form>
<input type="url">
<input type="submit">
</form></body></html>
```

OUTPUT



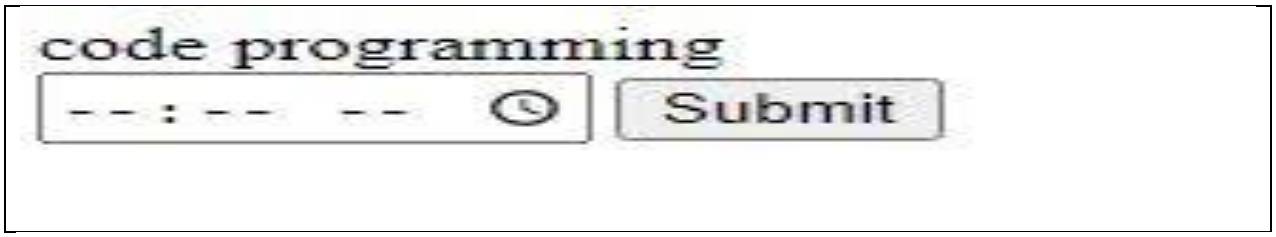
time

Commands the browser to provide the instruction for entering time

HTML CODE PROGRAMMING

```
 <!DOCTYPE html><html>
<head>code programming
<title>programming technicals
</title></head><body>
<form>
<input type="time" >
<input type="submit">
</form></body></html>
```

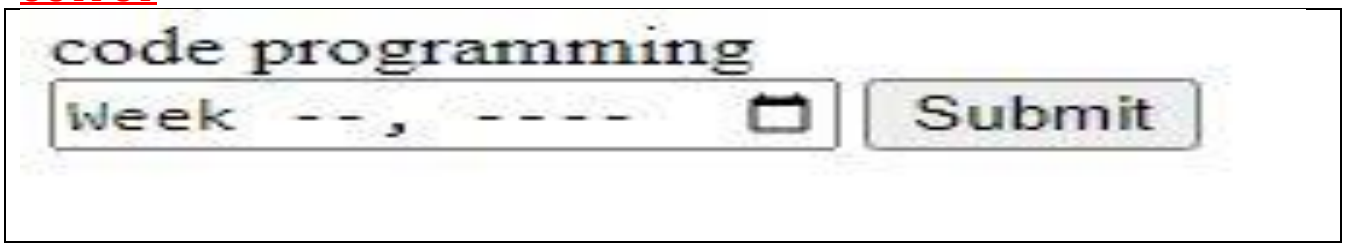
OUTPUT



week
Commands the browser to provide the instruction for entering week of a year

HTML CODE PROGRAMMING <!DOCTYPE html><html>
<head>code programming
<title>programming technicals
</title></head><body>
<form> <body>
<input type="week" >
<input type="submit">
</form></body></html>

OUTPUT



- **HTML BUTTONS**

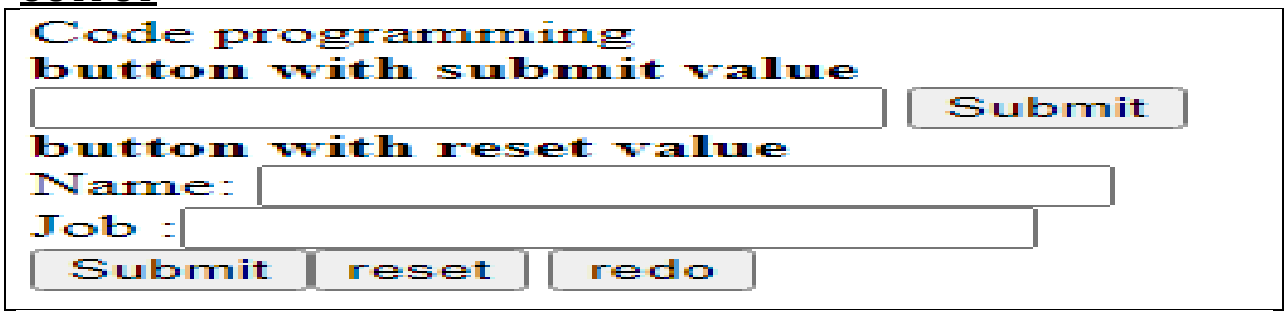
It is clickable elements that can be used in HTML forms to link different web pages. HTML buttons can be used anywhere in a document that to link web pages the **<button>** element represents the HTML button. The HTML button has an ending tag .The text inside the button tag will appear in the button margin
Calling a JavaScript function can be done by specifying the onclick attribute with the value equivalent to the name of the function

THE TYPE OF BUTTON VALUES
Submit
Default value it can cause the form be submitted

tbutton
It removes the default behavior of a button
reset

It resets the form controls to their initial value

HTML button code programming

```
<!DOCTYPE html ><html>
<head>Code programming
<title>programming technicals</title>
</head><body><br>
<b>button with submit value </b>
<form><input type="text" />
<button> Submit </button></form>
<b>button with reset value </b>
<form>
Name: <input type="text"/><br>
Job :<input type="text"/><br>
<button type="submit">Submit</button>
<button type="reset">reset</button>
<button type="tbutton">remove default value</button>
</body></html>
```

OUTPUT