

WEB DESIGNING PROPERTIES:

CSS Properties:

- 1.color:red;
- 2.font-size:1.4em;(1em=16px)
- 3.font-family:arial;
- 4.text-align:right/left/center/justify;
- 5.background-color:yellow;
- 6.list-style-type:none/circle/square;(unordered list)
- 7.list-style-image:url(pic.jpg);(unorder list)
- 8.background-image:url(pic.jpg);
- 9.background-repeat:no-repeat/repeat-x/repeat-y:
- 10.border:solid/dotted/dashed red;
- 11.background-position:center/left/right/top/bottom:
- 12.background-size:cover;
- 13.text-decoration:none(only for hyperlink)
- 14.width/height:_____px(for image)
- 15.margin:30px(it is used to give space in between two elements;
margin:0px 30px;(it is for left and right margin not for top and bottom)
- 16.padding:30px(it is used to give space inside the elements)
padding:0px 30px(30px for top and bottom)

- 17.Pseudo selector
a:hover{color;/background-color;}
img:hover{background-color:pink;
cursor:pointer}

- 18.Class selector(class selector applied for any elements)

```
.txt{  
color:green;  
}  
<h2 class="txt"> </h2>
```

19.float:left/right(arrange division side by side)

20.clear:left/right/both(after the float clear is compulsory)

21.line-height:50px(50px=as per box height)hyperlink/paragraph (hyperlink is in center horizontally)

22.overflow:hidden/scroll/auto;

23.opacity:0-1;

24.ID selector:id selector can be applied for any elements(unique elements like container)

```
#test{  
color:red;  
}  
<h2 id="test"> </h2>
```

25.position:relative/absolute/fixe/static;

top/left/right/top/bottom:20px;

26.Compound selector:

```
.four img{_____}
```

or

```
#container.four img{_____}
```

27.z-index:any picture/logo etc...

(going in back side of division and position is compulsory for z-index)

{z-index:-1;}

CSS3 PROPERTIES:

1.border-radius

2.box-shadow

3.text-shadow

4.gradient

background:linear-gradient(colors);

background:radial-gradient(colors);

5.transition:width 2s(s=second);/all 2s

ease-in;(first slow after fast)

ease-out;(first fast after slow)

Ex. transition:all 2s,ease-in/ease-out;

6.transform:scale()/rotate()/skew()

scale(2);(make double size box)

scale(0.7);(make small size box)

rotate(45deg);(box is rotate 45 degree)

skew(20deg);

transform:scalex()/scaley(); [in () write degree]

transform:rotatex()/rotatey()/rotatez(); [in () write degree]

`transform:skewx()/skewy();` [in () write degree]

7.`background-attachment:fixed;`(in this not scroll background and images only scroll text)

EXTERNAL CSS:

```
<link href="style.css" rel="stylesheet" type="text/css">
```

INLINE CSS:

```
<h1 style="color:red;"> some text </h1>
```

BootStrap 4 properties:

BOOTSTRAP CLASSES

1.Text-classes

.text-primary

.text-danger

.text-muted

.text-success

.text-info

.text-warning

.text-left

.text-right

.text-center

.text-justify

.text-lowercase

.text-uppercase

.text-capitalize

2.Background classes

.bg-primary

.bg-success

.bg-info

.bg-warning

.bg-danger

3.Images classes

.rounded (corner little bit round)
.rounded-circle(round shape)
.img-thumbnail(border added)
.img-fluid (for responsive)

4.Table classes

.table
.table-striped
.table-bordered
.table-hover
.table-sm (small)
(success,danger,info,warning,active [all are use])

5.Alerts classes

.alert
.alert-success
.alert-danger
.alert-info
.alert-warning
.alert-primary
.alert-secondary
.alert-dismissible
.close

Ex. <div class="alert alert-success"> some text </div>

6.Button classes

.btn
.btn-primary
.btn-success

.btn-info

.btn-warning

.btn-danger

.btn-secondary

.btn-link

.btn-lg (large button)

.btn-sm (small button)

.btn-block (full screen button)

.btn-group

7.Navigation

.navbar

.navbar-expand-~~xl~~lg|md|sm (stacks the navbar vertically on extra large, large, medium or small screens)

.bg-light/.bg-dark

.navbar-dark/.navbar-light

.navbar-brand

.navbar-nav

.nav-item (list item)

.nav-link (hyperlink)

8.Form-controls

.form-group (for entire form wrapping)

Ex.(div class="form-group")

.form-control (for input,select and text area)

.form-inline (In an inline form, all of the elements are inline and left-aligned.)

Ex.<form class="form-inline">

9.collapse

```
class="collapse"  
data-toggle="collapse"  
data-target="#demo"
```

10.Grid

For all devices responsive

```
<div class="row">  
<div class="col-12 col-sm-12 col-md-6 col-lg-4 col-xl-4"></div>  
</div>
```

11.Dropdown

```
.dropdown  
.dropdown-menu  
.dropdown-item  
.dropdown-toggle  
data-toggle="dropdown"
```

12.Card

```
.card  
.card-header  
.card-body  
.card-footer
```

13.Navigation with Responsive

```
.navbar-toggler  
.navbar-toggler-icon  
navbar-collapse  
data-toggle="collapse"  
data-target="#pixmap"
```


14.Modal

.modal

.fade

.modal-dialog

.modal-content

.modal-header

.modal-title

.modal-body

.modal-footer

.close

data-dismiss="modal"

data-toggle="modal"

data-target="#xyz"

15.Carousel

.carousel

.slide

.carousel-inner

.carousel-indicator

.carousel-item

.active

.carousel-control-prev-icon

.carousel-control-next-icon

data-ride="carousel"

data-interval="1000" (1000 milliseconds=1 second)

data-slide="prev/next"

data-target="#mycarousel"

data-slide-to="0"

Javascript Properties:

Javascript is a client side validation program.

Javascript is "case sensitive"

In Javascript entire line of code is called "statement"

"statement" should end with ;

Requirement: 1. Text Editor

2. Browser

3. knowledge of html css

1. Methods:

alert();

prompt();

confirm();

2. Variables:

variables are memory allocation.

variables are used to store "data value".

var name: defining a variable

name="Darshana"; : assigning a data value

3. concatenation: +

Ex. alert(roi+"%rate of interest for"+prn"is"+total);

4. Alternate of document.write

document.getElementById("txt").innerHTML

5.Arrays:

Arrays are variables with multiple data value

Ex. var students=['ramesh','suresh','mahesh']

Arrays always start with zero(0)

6.If....else condition

```
if (condition){  
true statement;  
}else{  
false statement:  
}
```

7.switch...case condition:

```
swich(condition){  
case:  
statement:  
break;  
}
```

8.Date:

```
metod:  
.gethours()  
.getminutes()  
.getseconds()  
.getdata()  
.getday()  
.getfullyear()
```

```
.getmonth()
```

9.for loops....

```
for(i=1; i<=10; i++){  
    statement;  
}  
i++ /i=i+1  
i-- /i=i-1
```

10.while loop:

```
i=1;  
while(i<=10){  
    statement;  
    i++  
}
```

11.Functions:function are set of statement,grouped together with one name.

```
function demo(give any name){  
    statement;  
}  
demo();
```

12. Functions with parameter:

```
function test(uid){  
}
```

13.Events:

- A.onclick
- B.on mouseover
- C.on mouseout
- D.onselect
- D.onchange
- E.onkeydown
- F.onkeyup
- G.onload
- H.onscroll
- I.onblur
- J.onfocus

14.Location href:

- set Timeout()
- set Interval()