

Lecture-5

13- JAVA SCRIPT Switch Statement-

Use the switch statement to select one of many blocks of code to be executed.

Example-

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<p id="demo"></p>
```

```
<script>
```

```
var day;
```

```
switch (new Date().getDay()) {
```

```
  case 0:
```

```
    day = "Sunday";
```

```
    break;
```

```
  case 1:
```

```
    day = "Monday";
```

```
    break;
```

```
  case 2:
```

```
    day = "Tuesday";
```

```
        break;
    case 3:
        day = "Wednesday";
        break;
    case 4:
        day = "Thursday";
        break;
    case 5:
        day = "Friday";
        break;
    case 6:
        day = "Saturday";
    }
    document.getElementById("demo").innerHTML = "Today is " +
    day;
</script>

</body>
</html>
```

14- JAVA SCRIPT Loops-

- For loop-

Loops are handy, if you want to run the same code over and over again, each time with a different value

Example-

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<p id="demo"></p>
```

```
<script>
```

```
var i;
```

```
for (i = 0; i < 10; i++) {
```

```
    document.getElementById("demo").innerHTML += i +
```

```
"<br>";
```

```
}
```

```
</script>
```

```
</body>
```

```
</html>
```

- while loop-

The while loop loops through a block of code as long as a specified condition is true.

Example-

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<p id="demo"></p>
```

```
<script>
```

```
var i = 0;
```

```
while (i < 10) {
```

```
    document.getElementById("demo").innerHTML += i +
```

```
"<br>";
```

```
    i++;
```

```
}
```

```
</script>
```

```
</body>
```

```
</html>
```

Lecture-6

16- JAVA SCRIPT Functions-

A JavaScript function is a block of code designed to perform a particular task.

Example-

```
<!DOCTYPE html>

<html>

<body>

<p id="demo"></p>

<script>
function myFunction() {
    document.getElementById("demo").innerHTML = "Hello World!";
}
myFunction() ; // Call the function here
</script>

</body>

</html>
```

17- JAVA SCRIPT Objects-

In real life, a car is an **object**.

A car has **properties** like weight and color, and **methods** like start and stop:

Example-

```
<!DOCTYPE html>

<html>

<body>

<p>Creating a JavaScript Object.</p>

<p id="demo"></p>

<script>

var person = { firstName:"John", lastName:"Doe", age:50,
eyeColor:"blue"};

document.getElementById("demo").innerHTML =
person.firstName + " is " + person.age + " years old.";

</script>

</body>

</html>
```

18 –Displaying Current date and time on page-

The Date object lets you work with dates (years, months, days, hours, minutes, seconds, and milliseconds).

Example-

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<p id="demo"></p>
```

```
<script>
```

```
document.getElementById("demo").innerHTML = Date();
```

```
</script>
```

```
</body>
```

```
</html>
```

19 –Creating Date Object-

A date consists of a year, a month, a day, an hour, a minute, a second, and milliseconds.

Date objects are created with the **new Date()** constructor.

Example-

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<p id="demo"></p>
```

```
<script>
```

```
var d = new Date();
```

```
document.getElementById("demo").innerHTML = d;
```

```
</script>
```

```
</body>
```

```
</html>
```