**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>