**Lecture-1**

**JAVA-SCRIPT(JS) CONTENT**

1-Introduction of JAVA-SCRIPT (JS)-

2- JAVA-SCRIPT (JS) Elements-

* **Finding HTML Element by Id.**

**Example-**

<!DOCTYPE html>

<html>

<body>

<p id="intro">Hello World!</p>

<p>This example demonstrates the <b>getElementById</b> method!</p>

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

<script>

var myElement = document.getElementById("intro");

document.getElementById("demo").innerHTML =

"The text from the intro paragraph is " + myElement.innerHTML;

</script>

</body>

</html>

* **Finding HTML Element by Tag Name.**

**Example-**

**<!DOCTYPE html>**

<html>

<body>

<p>Hello World!</p>

<p>The DOM is very useful.</p>

<p>This example demonstrates the <b>getElementsByTagName</b> method</p>

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

<script>

var x = document.getElementsByTagName("p");

document.getElementById("demo").innerHTML =

'The first paragraph (index 0) is: ' + x[0].innerHTML;

</script>

</body>

</html>

* **Finding HTML Element by Class Name.**

**Example-**

<!DOCTYPE html>

<html>

<body>

<p>Hello World!</p>

<p class="intro">The DOM is very useful.</p>

<p class="intro">This example demonstrates the <b>getElementsByClassName</b> method.</p>

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

<script>

var x = document.getElementsByClassName("intro");

document.getElementById("demo").innerHTML =

'The first paragraph (index 0) with class="intro": ' +

x[0].innerHTML;

</script>

</body>

</html>

**Lecture-2**

3- JAVA-SCRIPT (JS) Variables-

JavaScript variables are containers for storing data values.

**Example-**

<!DOCTYPE html>

<html>

<body>

<h2>JavaScript Variables</h2>

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

<script>

var price1 = 5;

var price2 = 9;

var total = price1 + price2;

document.getElementById("demo").innerHTML =

"The total is: " + total;

</script>

</body>

</html>

4- Creating JAVA-SCRIPT (JS) Variable-

Creating a variable in JavaScript is called "declaring" a variable.

Examples-

<!DOCTYPE html>

<html>

<body>

<h2>JavaScript Variables</h2>

<p>Create a variable, assign a value to it, and display it:</p>

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

<script>

var carName = "Volvo";

document.getElementById("demo").innerHTML = carName;

</script>

</body>

</html>

## 4- One Statement, Many Variables in JAVA SCRIPT-

You can declare many variables in one statement.

Start the statement with **var** and separate the variables by **comma**:

Example-

<!DOCTYPE html>

<html>

<body>

<h2>JavaScript Variables</h2>

<p>You can declare many variables in one statement.</p>

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

<script>

var person = "John Doe", carName = "Volvo", price = 200;

document.getElementById("demo").innerHTML = carName;

</script>

</body>

</html>

NOTE- You can also declared like this.

Examples-

<!DOCTYPE html>

<html>

<body>

<h2>JavaScript Variables</h2>

<p>Strings are written with quotes.</p>

<p>Numbers are written without quotes.</p>

<p>Try to experiment by removing the // comments.</p>

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

<script>

var pi = 3.14;

var person = "John Doe";

var answer = 'Yes I am!';

document.getElementById("demo").innerHTML = pi;

//document.getElementById("demo").innerHTML = person;

//document.getElementById("demo").innerHTML = answer;

</script>

</body>

</html>

## 5- JAVA SCRIPT popup Boxes-

## Alert box-

## An alert box is often used if you want to make sure information comes through to the user.

## Example-

## <!DOCTYPE html>

## <html>

## <body>

## <h2>JavaScript Alert</h2>

## <button onclick="myFunction()">Try it</button>

## <script>

## function myFunction() {

##  alert("I am an alert box!");

## }

## </script>

## </body>

## </html>

## Confirm Box-

A confirm box is often used if you want the user to verify or accept something.

When a confirm box pops up, the user will have to click either "OK" or "Cancel" to proceed.

## Example-

## <!DOCTYPE html>

## <html>

## <body>

## <h2>JavaScript Confirm Box</h2>

## <button onclick="myFunction()">Trssy it</button>

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

## <script>

## function myFunction() {

##  var txt;

##  if (confirm("Press a button!") == true) {

##  txt = "You pressed OK!";

##  } else {

##  txt = "You pressed Cancel!";

##  }

##  document.getElementById("demo").innerHTML = txt;

## }

## </script>

## </body>

## </html>

## <!DOCTYPE html>

## <html>

## <body>

## <h2>JavaScript Alert</h2>

## <button onclick="myFunction()">Try it</button>

## <script>

## function myFunction() {

##  confirm("I am an confirm box!");

## }

## </script>

## </body>

## </html>

## Prompt Box-

## A prompt box is often used if you want the user to input a value before entering a page.

## Example-

## <!DOCTYPE html>

## <html>

## <body>

## <h2>JavaScript Prompt</h2>

## <button onclick="myFunction()">Try it</button>

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

## <script>

## function myFunction() {

##  var txt;

##  var person = prompt("Please enter your name:", "Harry Potter");

##  if (person == null || person == "") {

##  txt = "User cancelled the prompt.";

##  } else {

##  txt = "Hello " + person + "! How are you today?";

##  }

##  document.getElementById("demo").innerHTML = txt;

## }

## </script>

## </body>

## </html>