**TODAY’s DISCUSSION: VB SCRIPT / A S P**

**TOPIC: VB SCRIPT**

**VBScript** (Visual Basic Script) is developed by Microsoft with the intention of developing dynamic web pages.

* It is client-side scripting language like JavaScript.
* VBScript is a light version of Microsoft Visual Basic.
* The syntax of VBScript is very similar to that of Visual Basic.
* If you want your webpage to be more lively and interactive, then you can incorporate VBScript in your code.
* VBScript is just a scripting language. So, it cannot run its code on its own. It needs a bigger programming language to host it.

***Right now, there are 2 environments where VB Scripts can run.***

1. **IIS (Internet Information Server)** – Microsoft’s web server
2. **IE (Internet Explorer)**– The simplest hosting environment we can use to run VBScript

***You only need 2 simple tools to create and run VBScript code throughout this tutorial:***

1. Internet Explorer – any version, but it is good to use IE6 or above.
2. Text Editor – You can use normal text editors like Notepad++ or Microsoft Expression Web or even Notepad to write VBScript code.

**EXAMPLE**:

**<html>**

**<head>**

**<title>My First VBScript Code!!!</title>**

**</head>**

**<body>**

**<script type="text/vbscript">**

**document.write("Yes!!! I have started learning VBScript.")**

**</script>**

**</body>**

**</html>**

***There is a flexibility given to include VBScript code anywhere in an HTML document.***

But the most preferred way to include VBScript in your HTML file is as follows −

* **Script in <head>...</head> section.**
* **Script in <body>...</body> section.**
* **Script in <body>...</body> and <head>...</head> sections.**
* **Script in an external file and then include in <head>...</head> section.**

**Example:**

**<html>**

**<head>**

**<script type = "text/Vbscript">**

**<!--**

**Function sayHello()**

**Msgbox("Hello World")**

**End Function**

**//-->**

**</script>**

**</head>**

**<body>**

**<input type = "button" onclick = "sayHello()" value = "Say Hello" />**

**</body>**

**</html>**

**TOPIC: A S P**

* **ASP stands for active server pages and it is a server-side script engine for building web pages.**
* **ASP is basically a server page that contains embedded programs in it.**
* **The programs in it are processed on the Microsoft server.**
* **The ASP server-side engine basically performs the task of reading and executing the ASP file and then return the file to the browser.**
* **It is basically a web-based framework that helps programmers to build dynamic web pages.**
* **ASP can contain scripts as well as standard HTML.**
* **An ASP file has the file extension ".asp"**
* **An ASP file is just the same as an HTML file**
* **An ASP file can contain server scripts in addition to HTML**
* **Server scripts in an ASP file are executed on the server**

## What can ASP do for you?

* **Edit, change, add content, or customize any web page**
* **Respond to user queries or data submitted from HTML forms**
* **Access databases or other server data and return results to a browser**
* **Provide web security since ASP code cannot be viewed in a browser**

## ASP Files

* **ASP files can be ordinary HTML files. In addition, ASP files can also contain server scripts.**
* **Scripts surrounded by <% and %> are executed on the server.**
* **The Response.Write() method is used by ASP to write output to HTML.**

The following example writes "Hello World" into HTML:

### **Example**

<html>

<body>

<p>ASP can output plain text:</p>

<%response.write("Hello World!")%>

</body>

</html>

**LAB EXERCISE:**

**Employee Payroll Using ASP**

**Program:**

**Sample.html :**

**<html>**

**<head>**

**<title> sample </title>**

**</head>**

**<body bgcolor = "pink">**

**<center>**

**<h1 font color = "black">Employee Personal Details</font>**

**</center>**

**<form method = "post"action = "processs.asp">**

**<table>**

**<tr>**

**<td>Name </td>**

**<td><input type = "text" name = "t1"></td>**

**</tr>**

**<tr>**

**<td>Employee ID </td>**

**<td><input type = "text" name = "t2"></td>**

**</tr>**

**<tr>**

**<td>Address </td>**

**<td><input type = "text" name = "t3"></td>**

**</tr>**

**<tr>**

**<td>DOB </td>**

**<td><input type = "text" name = "t4"></td>**

**</tr>**

**<tr>**

**<td>Age </td>**

**<td><input type = "text" name = "t5"></td>**

**</tr>**

**<tr>**

**<td>Phone no </td>**

**<td><input type = "text" name = "t6"></td>**

**</tr>**

**<tr>**

**<td>Email ID </td>**

**<td><input type = "text" name = "t7"></td>**

**</tr>**

**<tr>**

**<td>Designation </td>**

**<td><input type = "text" name = "t8"></td>**

**</tr>**

**<tr>**

**<td><colspan = "2">**

**<input type = "submit" value = "submit"></td>**

**</tr>**

**</form>**

**</body>**

**</html>**

**Processs.asp :**

**<%**

**a=request.form("t1")**

**b=request.form("t2")**

**c=request.form("t3")**

**d=request.form("t4")**

**e=request.form("t5")**

**f=request.form("t6")**

**g=request.form("t7")**

**h=request.form("t8")**

**response.write"Employee Name : "+a+"<br>"**

**response.write"Employee id : "+b+"<br>"**

**response.write"Address : "+c+"<br>"**

**response.write"dob : "+d+"<br>"**

**response.write"age : "+e+"<br>"**

**response.write"phone no : "+f+"<br>"**

**response.write"Email id : "+g+"<br>"**

**response.write"designation : "+h+"<br>"**

**%>**

**Employee Payroll Using ASP**

**Output:**



