\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Lab1.1\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

**Create HTML Page with VB Script that will be a Speed Calculator as shown in**

<!DOCTYPE html>

<html>

<head>

<meta http-equiv="x-ua-compatible" content="IE=10"/>

<script language="Vbscript" type="text/vbscript">

function calculate()

var1 = document.getElementById("D").value

msgbox(" Var 1 :"&var1)

var2 = document.getElementById("T").value

msgbox(" Var 2 :"&var2)

var3 = var1/var2

document.getElementById("S").value =var3

End function

</script>

</head>

<body>

<form>

<h1><center>Speed Calculator</h1>

<table align = "center">

<tr>

<td>Distance

<td><input type ="text" name="dis" id=D

required title ="enter speed in miles" ><td>miles

</tr>

<tr>

<td>Time

<td><input type = "text" name ="time" id =T

required title ="enter time in hour" ><td>hours

</tr>

<tr>

<td colspan = 2 align= "center" >

<input type ="button" value ="calculate speed"

onclick="calculate()">

</tr>

<tr>

<td>Speed

<td> <input type ="text" name ="speed" id =S >

<td> miles per hours

</tr>

<tr>

<td>

<input type ="reset" name= "reset" >

</tr>

</table>

</form></html>

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Lab2.1\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

Create an HTML page with a VBScript program in it to print the colors of the

rainbow (use Intrinsic Constants only)

<!DOCTYPE html>

<html>

<head>

<meta http-equiv="x-ua-compatible" content="IE=10"/>

<script language="Vbscript" type="text/vbscript">

function color()

v="#8D38C9"

w="4B0082"

b=VbRed

g=VbGreen

y="#FFFF00"

o="#ff9500"

r=VbBlue

c\_v.style.backgroundcolor=v

c\_i.style.backgroundcolor=w

c\_b.style.backgroundcolor=b

c\_g.style.backgroundcolor=g

c\_y.style.backgroundcolor=y

c\_o.style.backgroundcolor=o

c\_r.style.backgroundcolor=r

End Function

</script>

</head>

<body>

<h1 align="center"></b>RAINBOW COLORS</b></h1></br>

<center>

<table>

<tr><td>1</td>

<td>voilet</td>

<td><input type="text" id="1" name="c\_v"</td>

</tr>

<tr><td>2</td>

<td>Indigo</td>

<td><input type="text" id="2" name="c\_i"</td>

</tr>

<tr><td>3</td>

<td>blue</td>

<td><input type="text" id="3" name="c\_b"</td>

</tr>

<tr><td>4</td>

<td>green</td>

<td><input type="text" id="4" name="c\_g"</td>

</tr>

<tr><td>5</td>

<td>Yellow</td>

<td><input type="text" id="5" name="c\_y"</td>

</tr>

<tr><td>6</td>

<td>Orange</td>

<td><input type="text" id="6" name="c\_o"</td>

</tr>

<tr><td>7</td>

<td>Red</td>

<td><input type="text" id="7" name="c\_r"</td>

</tr>

<tr colspan="3">

<td></td>

<td><input type="button" value="Rainbow Colors"

onclick="color()"</td>

<td></td>

</tr> </table>

</center>

</body>

</html>

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Lab2.2\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

Create an HTML page with a VBScript program in it which would take care of

the following conversions

<!DOCTYPE html>

<html>

<head>

<meta http-equiv="x-ua-compatible" content="IE=10"/>

<script language="Vbscript" type="text/vbscript">

a = 4.5

document.write("a=" &a& "<br>")

document.write("a value after converting it to int: " &CInt(a) &"<br>")

b = 8.9

document.write("b=" &b& "<br>")

document.write("b value after converting it to long: " &CLng(b) &"<br>")

c = 9.6

document.write("c=" &c& "<br>")

document.write("c value after converting it to single: " &Csng(c) &"<br>")

d = 89.9

document.write("d=" &d& "<br>")

document.write("d value after converting it to double: "&CDbl(d) &"<br>")

e = 85.8

document.write("e=" &e& "<br>")

document.write("e after converting it to currency: " &Ccur(e) &"<br>")

f = 44

document.write("f=" &f& "<br>")

document.write("f after converting it to string: "&CStr(f) &"<br>")

g = 65

document.write("g=" &g& "<br>")

document.write("g after converting it to boolen: "&Cbool(g) &"<br>")

h = 78

document.write("h=" &h& "<br>")

document.write("h 78 after converting it to Byte: " &Cbyte(h) &"<br>")

i = 89

document.write("i=" &i& "<br>")

document.write(" i 89 after converting it to date: " &Cdate(i) &"<br>")

</script>

</body>

</html>

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*output is \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

a=4.5  
a value after converting it to int: 4  
b=8.9  
b value after converting it to long: 9  
c=9.6  
c value after converting it to single: 9.6  
d=89.9  
d value after converting it to double: 89.9  
e=85.8  
e after converting it to currency: 85.8  
f=44  
f after converting it to string: 44  
g=65  
g after converting it to boolen: True  
h=78  
h 78 after converting it to Byte: 78  
i=89  
i 89 after converting it to date: 3/29/1900

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Lab2.3\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**Create an HTML page with a VBScript program which would return the date**

**and time of 2 months and 15 days from today**

<!DOCTYPE html>

<html>

<head>

<meta http-equiv="x-ua-compatible" content="IE=10"/>

<script language="Vbscript" type="text/vbscript">

Dim Today, LongTimeAgo

Today = Now

MsgBox("Today's date and the time now :")

MsgBox(Today)

LongTimeAgo = Today +75

MsgBox("Date and the time two months and 15 days after :")

MsgBox(LongTimeAgo)

</script>

</body>

</html>

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Lab2.4\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

Create an HTML page with a VBScript program which would declare two

constants with values 52 and 54.The program should return the results of the

action of the following operators on these 2 constants:

<!DOCTYPE html>

<html>

<head>

<meta http-equiv="x-ua-compatible" content="IE=10"/>

<script language="Vbscript" type="text/vbscript">

const num1 = 54

const num2 = 52

num3 = num1 <> num2

num4 = num1 <= num2

num5 = num1 mod num2

num6 = num1 & num2

num7 = Cbool(num1 eqv num2)

document.write("num1 =" &num1& "<br />")

document.write("num2 =" &num2& "<br /><br />")

document.write("Comparison <>=" &num3& "<br />")

document.write("Comparison <=" &num4& "<br />")

document.write("Remainder %=" &num5& "<br />")

document.write("& expression =" &num6& "<br />")

document.write("equivalence =" &num7& "<br />")

</script></body></html>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Output\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

num1 =54  
num2 =52  
Comparison <>=True  
Comparison <=False  
Remainder %=2  
& expression =5452  
equivalence =True

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Lab2.5\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

State whether the following statement is true or false. Justify your answer by

writing VB Script programs.

“When expressions contain operators from more than one category, the

orderof evaluation is as follows:

comparison operators are evaluated first

arithmetic operators are evaluated next

logical operators are evaluated last”

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Lab3.1\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

Write a VB Script Program that would print the sentence ‘Programming level 1’

till the 6th level.

Use the html tags to get this statement in different html heading levels.

Do this program using Do loop, Do until, for each, for next.

<!DOCTYPE html>

<html>

<head>

<meta http-equiv="x-ua-compatible" content="IE=10"/>

<script language="Vbscript" type="text/vbscript">

document.write("<b>\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Do loop\*\*\*\*\*\*\*\*\*\*\*\*</b><br> <br>")

Do While num1 <6

num1 = num1 + 1

document.write("<h"&num1&">Programming level :" &\_

num1&"</h"&num1&">")

Loop

document.write("<br>")

num1=0

document.write("<b>\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Do Until loop\*\*\*\*\* </b><br> <br>")

Do Until num1>5 'Condition is False so loop will be executed

num1 = num1 + 1

document.write("<h"&num1&">Programming level: " &num1&\_

"</h"&num1&">")

Loop

document.write("<br>")

document.write("<b>\*\*\*\*\*\*\*\*For each loop\*\*\*\*\*\*\*\*\*\*\*\*</b><br>")

For num1 = 1 To 6

document.write("<h"&num1&">Programming level : " &\_

num1&"</h"&num1&">")

Next

</script>

</body>

</html>

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Lab3.2\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

Write a VB Script program to get the above executed for alternate levels using

for step next loop

<!DOCTYPE html>

<html>

<head>

<meta http-equiv="x-ua-compatible" content="IE=10"/>

<script language="Vbscript" type="text/vbscript">

document.write("<b>\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*step next\*\*\*\*\*\*\*\*\*\*\*\*</b><br> <br>")

for i = 1 to 6 step 2

document.write("<h"&i&">Programming level : " &i&"</h"&i&">")

next

</script>

</body>

</html>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Lab3.3\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Write a VB Script program to print the month of the year on the choice given

by the user.

Eg: if choice 1 is given print January

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*lab4.1\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*8

Create a web page to handle string manipulation. Create a web page containing

String Manipulation as shown in figure.

<!DOCTYPE html>

<html>

<head>

<meta http-equiv="x-ua-compatible" content="IE=10"/>

<script language="Vbscript" type="text/vbscript">

Sub btnUpper\_OnClick

value1=(UCase(document.getElementById("txtStringId").value))

document.getElementById("txtResultId").value=value1

End Sub

Sub btnLower\_OnClick

value1=(LCase(document.getElementById("txtStringId").value))

document.getElementById("txtResultId").value=value1

End Sub

Sub btnLen\_OnClick

value1=(Len(document.getElementById("txtStringId").value))

document.getElementById("txtResultId").value=value1

End Sub

Sub btnSearch\_OnClick

dim m

dim n

m=document.getElementById("txtSearchId").value

n=document.getElementById("txtStringId").value

value1=(InStr(n,m))

document.getElementById("txtResultId").value=value1

End Sub

</script>

</head>

<body>

<div align="center">

<h1>String Functions</h1>

<table>

<tr>

<td>Enter the string</td>

<td><input type="text" id="txtStringId"></td>

</tr>

<tr>

<td>enter the string to search</td>

<td><input type="text"id="txtSearchId"></td>

</tr>

<tr>

<td><input type="button" name="btnUpper"

value="Upper case"> </td>

<td><input type="button" name="btnLower"

value="Lower case"> </td>

<td><input type="button" name="btnLen"

value="Length"> </td>

<td><input type="button" name="btnSearch"

value="Search"></td>

</tr>

<tr>

<td>Result</td>

<td><input type="text" id="txtResultId"></td>

</tr>

</table>

</div>

</body>

</html>

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Lab4.2\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**Create a web page to use Numeric function**

**Develop html form as shown in figure. User enters values for quantity and unit**

**price. These fields accept numeric values only. When user clicks on calculate cost,**

**the result of the calculation is shown in Taxes, subtotal and total cost fields. The**

**tax is 20 percent if subtotal is more than 40000 else it is 10 percent.**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*Lab4.3\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

Develop simple calculator to perform arithmetic operations

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Lab 5.1\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

Create an HTML page with a VBScript program in it that would take the name of

the user and wish him depending on the time of the day.

<!DOCTYPE html>

<html>

<head>

<meta http-equiv="x-ua-compatible" content="IE=10"/>

<script language="Vbscript" type="text/vbscript">

Sub btnWishMe\_OnClick

dim time

time=hour(now)

If time<5 AND time>12 Then

Msgbox("Good morning" &document.getElementById("txtNameId").value)

ElseIf time>=12 AND time<=16 Then

Msgbox("good afternoon" &document.getElementById("txtNameId").value)

ElseIf time>=17 AND time<=21 Then

Msgbox("good evening" &document.getElementById("txtNameId").value)

Else

Msgbox("good night" &document.getElementById("txtNameId").value)

End If

End Sub

</script>

</head>

<body>

<table>

<tr>

<td>Enter your name</td>

<td><input type="text" name="msg" id="txtNameId">

</td>

</tr>

<tr>

<td><input type="button" name="btnWishMe" value="submit"></td>

</tr>

</table>

</body>

</html>

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Lab5.2\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***