

ASSIGNMENT 2

<u>Course Title:</u> Web technologies	<u>Course code :</u> IT230
<u>Deadline :</u> March 06, 2016	<u>Marks :</u> 4

Q1) Fill in the blanks (1 Mark)

1. Javascript is called client side programming because it runs on the _____ not on the web server.
2. Write the script tag that will execute an alert with message "Hello from Javascript!", no need to include a script file. Just complete the following javascript code
`<script type="text/_____> </script>`
3. Write the script tag that will include a javascript file called myname.js
4. A valid variable name in javascript is similar to java, you cannot use reserved words, cannot have a space and it cannot start with a _____

Q2) Give the output of the following code segments (1 Mark)

A)

```
<!DOCTYPE html>
<html>
<body>
<h1 id="id1">My Heading 1</h1>
<button type="button"
onclick="document.getElementById('id1').style.color = 'red'">
Click Me!</button></body></html>
```

B)

```
<!DOCTYPE html>
<html><body>
<p id="demo">Hello World!</p>
<script>
document.getElementById("demo").style.backgroundColor = "yellow";
</script></body></html>
```

C)

```
<!DOCTYPE html>
<html><body>
<p id="p1">Assignment 1!</p>
<p id="p2">Hello World!</p>
<script>
document.getElementById("p2").style.color = "blue";
document.getElementById("p2").style.fontFamily = "Arial";
document.getElementById("p2").style.fontSize = "larger";
</script>
<p>The paragraph above was changed by a script.</p>
</body></html>
```

Q3) (1 Mark)

- What is the main function of DOM?
- What is the purpose of HTML DOM Node Tree?

Q4) (1 Mark)

Complete the following code by adding:

- A function called **AreaBox** that takes two arguments, the length and width of the rectangle and returns the Area of a rectangle.
- A function called **PerimeterBox** that takes two arguments, the length and width of the rectangle and returns the perimeter of a rectangle.
- A Function called **Rectangle** that gets the length and the width of the rectangle from the user and displays the area and the perimeter of the corresponding rectangle.

```
<html>
<head>
<title>Rectangles</title>
<script type="text/javascript">
// <!--
// -->
</script>
</head>
<body>
<p> <button onclick="Rectangle()">Rectangle</button></p>
</body>
</html>
```

