

THE UNIVERSITY OF DODOMA
COLLEGE OF INFORMATICS AND VIRTUAL EDUCATION



CT 221: INTERNET PROGRAMMING

NAME: ANUARI IDDI ISSA

REG NO: T/UDOM/2020/00345

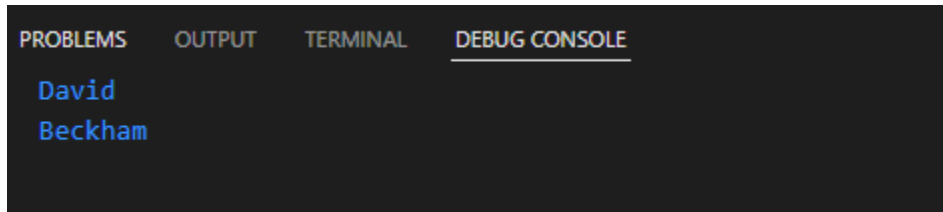
COURSE: BSc-SE

ASSIGNMENT

Question 1:

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="UTF-8"/>
    <title>Return Firts and last name from a form</title>
  </head>
  <body>
    <form id="form1" onsubmit="getFormValue()">
      First Name <input type="text" value="David" name="fname"/><br>
      Last Name <input type="text" name="lname" value="Beckham"/><br>
      <input type="submit" value="Submit"/>
    </form>
    <p id="jibu"></p>
    <script>
      function getFormValue(){
        var x=document.getElementById("form1");
        for(var i=0;i<x.length;i++){
          if(x.elements[i].value!='Submit'){
            console.log(x.elements[i].value);
          }
        }
      }
    </script>
  </body>
</html>
```

OUTPUT



Question 2:

```
<!DOCTYPE html>
<html>
  <head>
    <title>set background color</title>
  </head>
  <body>
<h1>background color by java script</h1>
<p id="js">
  java script is the web programming language perfoms actios,operations on the html page
</p>
<button onclick="changeBackground()" type="button">change background</button>
<script>
  function changeBackground(){
    return document.getElementById("js").style.background="red";
  }
</script>

  </body>
</html>
```

OUTPUT

background color by java script

java script is the web programming language perfoms actios,operations on the html page

change background

background color by java script

java script is the web programming language perfoms actios,operations on the html page

change background

Question 3:

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8"/>
    <title>get link attributes</title>
  </head>
  <body>
    <a href="https://www.google.com"
hreflang="en-us" type="text/html" rel="nofollow" target="_self" id="ggle"
></a>
    <h3 id="attributes"></h3>
    <button onclick="getAttributes()" type="button">get attribute values</button>
    <script>
      function getAttributes(){
        var container=document.getElementById("attributes");
        var link=document.getElementById("ggle");
        if (link) {
```

```
var attr1=link.getAttribute('rel');
var attr2=link.getAttribute('target');
var attr3=link.getAttribute('href');
var attr4=link.getAttribute('hreflang');
var attr5=link.getAttribute('type');

return container.innerHTML="rel attribute value: "+attr1+"<br>"+
"target attribute value: "+attr2+"<br>"+ "href attribute value: "+attr3+"<br>"+
"hreflang attribute value: "+attr4+"<br>"+ "type attribute value: "+attr5+"<br>";
}

}
</script>

</body>
</html>
```

OUTPUT

rel attribute value: nofollow
target attribute value: _self
href attribute value: https://www.google.com
hreflang attribute value: en-us
type attribute value: text/html

get attribute values

Question 4

```
<!DOCTYPE html>
<html>
  <head>
    <title>insert rows to table</title>
  </head>
  <body>
<table border="1px" id="sampleTable">
<tr>
  <td>Row 1 cell1 </td>
  <td>Row 1 cell2</td>
</tr>
<tr>
  <td>Row2 cell1 </td>
  <td>Row2 cell2</td>
</tr>
</table>
<button type="button" onclick="inser_Rows()">insert row</button>
<script>
  function inser_Rows(){
    var table=document.getElementById("sampleTable");
    var first,second;
    first=prompt("enter your Row value1: ");
    second=prompt("enter your Row value2: ");
    var Row=table.insertRow(-1);
    var cell=Row.insertCell(0);
    var cell1=Row.insertCell(1);
    cell.innerHTML=first;
    cell1.innerHTML=second;

  }
```

```

    // var text=document.createTextNode('anuary');
    // cell.appendChild(text);
</script>
</body>
</html>

```

OUTPUT

Row 1 cell1	Row 1 cell2
Row2 cell1	Row2 cell2

insert row

Row 1 cell1	Row 1 cell2
Row2 cell1	Row2 cell2
ANUARY	ISSA
IDDI	ISSA

insert row

Question 5:

```

<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8"/>
    <title>Remove items from a dropdown list</title>
  </head>
  <body>
    <form>
      <select id="colorselect">
        <option>Red</option>

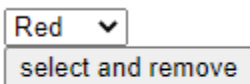
```

```

        <option>Green</option>
        <option>White</option>
        <option>Black</option>
    </select>
    <br>
    <input type="button" onclick="removeColor()" value="select and remove"/>
</form>
<script>
    function removeColor(){
        var m=document.getElementById("colorselect");
        return m.remove(m.selectedIndex);
    }
</script>
</body>
</html>

```

OUTPUT



Question 6:

```

<!DOCTYPE html>
<html>
    <head>
        <title>count and display items of dropdown list-w3resource</title>
    </head>
    <body>

```



```
</head>
<body>
  <form>
    select your favourite color:
    <select id="myselect">
      <option>red</option>
      <option>green</option>
      <option>Blue</option>
      <option>white</option>
    </select>
    <input type="button" onclick="getOptions()" value="Count and Output">
  </form>
  <script>
    function getOptions(){
      var k=document.getElementById("myselect");
      var items="number of items in a dropdown list: ";
      var x;
      m=document.getElementById("myselect").length;
      items+=m;
      for (x = 0; x < k.length; x++) {
        items=items+" \n" + k.options[x].text;
      }
      alert(items);
    }
  </script>
</body>
</html>
```

OUTPUT

select your favourite color:

This page says

number of items in a dropdown list: 4

red

green

Blue

white

OK

Question 7:

```
<!DOCTYPE html>
<html>
  <head>
    <title></title>
  </head>
  <body>
    <form action="">
      Radius :<br><input type="text" id="myvalue"/><br>
      Volume :<br><input id="jibu" type="text" value="0.0000"/><br>
      <button onclick="getSphereVolume()" type="button">calculate</button>
    </form>
    <script>
      function getSphereVolume(){
        var radius=document.getElementById("myvalue").value;
        var ans=document.getElementById("jibu");
        if (parseInt(radius)) {
          ans.value=(4/3)*Math.PI*Math.pow(radius,3);
        } else {
          alert("is not an integer value");
        }
      }
    </script>
  </body>
```

</html>

Radius :

123

Volume :

7794781.462010236

calculate