

E009

DHRUMIL BURAD

MWA ASSIGNMENT 2

1. Create percentage calculator for semester IV. User will enter no of courses and click submit button. Those many number fields must be generated dynamically. User will enter marks of each course and then calculate percentage. (Hint: Use DOM methods createElement(), setAttributes(), createTextNode(), appendChild())

CODE

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Assignment 2 Q1 </title>
</head>

<body>
  <strong>
    <p>Q1 Create percentage calculator for semester IV. User will enter no
of courses and click submit button. Those
    many
    number fields must be generated dynamically. User will enter marks
of each course and then calculate
    percentage.
    (Hint: Use DOM methods createElement(), setAttributes(),
createElement(), appendChild())</p>
  </strong>

  Enter Number of courses: <input type="number" id="noc">
  <button id="s1" onclick="create()">Submit</button>
  <p id="inps"></p>
  <p id="op"></p>
  <script>
    function create() {
      let x = parseInt(document.getElementById("noc").value)
      let i = 0;
      console.log(x)
      let p = document.getElementById("inps")
      p.innerHTML = ""
      for (i = 1; i <= x; i++) {
        var m = document.createTextNode("Marks for Course " + i + ":
")

        var y = document.createElement("input")
        y.setAttribute("type", "text")
```

```
        y.setAttribute("id", i)
        p.appendChild(m)
        p.appendChild(y)
        p.appendChild(document.createElement("br"))
        p.appendChild(document.createElement("br"))

    }
    var cb = document.createElement("button")
    cb.setAttribute("onclick", "calc()")
    cb.innerHTML = "submit";
    p.appendChild(cb)
}
function calc() {
    let i = 0
    let sum = 0
    let x = parseInt(document.getElementById("noc").value)
    for (i = 1; i <= x; i++) {
        var a = document.getElementById(i).value
        console.log(i)
        sum += (a / x)

        console.log(sum)
    }
    let ss = sum.toFixed(2);
    let o = document.getElementById("op")
    op.innerHTML = "The percentage is : " + ss + "%"
}
</script>
</body>

</html>
```

SCREENSHOT

Q1 Create percentage calculator for semester IV. User will enter no of courses and clcik submit button. Thos many number fields must be generated dynamically. User will enter marks of each course and the calculate percentage. (Hint:Use DOM methods createElement(),setAttributes(), createTextNode(), appendChild())

Enter Number of courses:

Marks for Course 1:

Marks for Course 2:

Marks for Course 3:

Marks for Course 4:

Marks for Course 5:

The percentage is : 77.40%

2. Create an application to print no of days left for next Christmas (Hint: use date object in js)

CODE

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Assignment 2 Q2</title>
</head>

<body>
  <P><strong> 2. Create an application to print no of days left for next
  Christmas(Hint: use date object in
    js)</strong></P>
  <button onclick="calc()">GET DATE</button><br>
  Today's date: <span id="td"> </span><br>
  No. of days left for next christmas: <span id="op"> </span>
  <script>
    function calc() {
```

```

var d = new Date
document.getElementById("td").innerHTML = ""
document.getElementById("td").innerHTML += d
console.log("hours", d.getHours())
const c = new Date(2023, 11, 25);
let ms = 24 * 60 * 60 * 1000
console.log("ms", d.getTime())
console.log("ms c", c.getTime())
var l = Math.ceil((c.getTime() - d.getTime()) / ms)

document.getElementById("op").innerHTML = ""
document.getElementById("op").innerHTML += l.toFixed(2)

/* console.Log(ms)
var a = d.getDate()
var b = d.getMonth()

console.Log(a, b)
console.Log("c", c)
var n = d - c
console.Log("n", n)
console.Log(a) */
}
</script>
</body>
</html>

```

SCREENSHOT

2. Create an application to print no of days left for next Christmas(Hint: use date object in js)

GET DATE

Today's date: Sat Feb 18 2023 16:07:03 GMT+0530 (India Standard Time)

No. of days left for next christmas: 310.00

3. Create an application to print mouse coordinates.

CODE

```

<!DOCTYPE html>
<html lang="en">

```

```

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Assignment 2 Q2 </title>
</head>

<body style="height: 5550px;" onmousemove="coord()">
  <p><strong>3. Create an application to print mouse
coordinates.</strong></p>

  <span>X-Coordinate:</span>
  <span id="xco"> </span> <br>
  <span>Y-Coordinate:</span>
  <span id="yco"> </span>

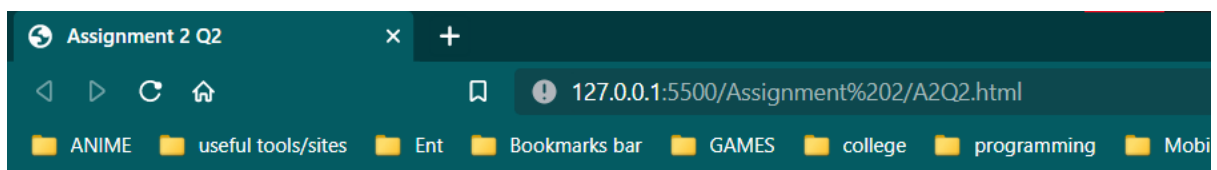
  <script>
    function coord() {
      var x = event.clientX;
      var y = event.clientY;
      document.getElementById("xco").innerHTML = x;
      document.getElementById("yco").innerHTML = y;
    }
  </script>

</body>

</html>

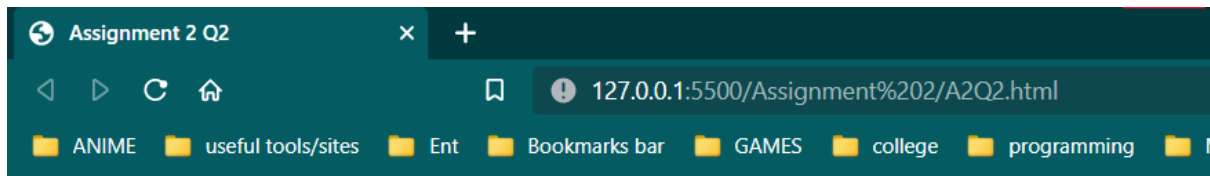
```

SCREENSHOT



2. Create an application to print no of days left for next Christmas(Hint: use date object in js)

X-Coordinate: 800
Y-Coordinate: 202



2. Create an application to print no of days left for next Christmas(Hint: use date object in js)

X-Coordinate: 163

Y-Coordinate: 460