Department of Computer Science and Engineering

S.G.Shivanirudh , 185001146, Semester VI

13 February 2021

UCS1601 - Internet Programming

Assignment 2: JavaScript

Objective:

Write a JS to read 5 student's name, mark from user using prompt. Print student's name and grade in table format.

Code:

HTML:

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <meta charset="utf-8">
5     <title>Insect assignment</title>
```

```html
 6        <link rel="stylesheet" href="style.css">
 7
 8    </head>
 9    <body style="padding:4rem;background-color:#32497470;">
10          <div>
11              <h1>Assignment 2</h1>
12              <h2 align="center">JavaScript</h2>
13          </div>
14          <table>
15              <caption style="caption-side:bottom">Grade info</
    caption>
16              <tr>
17                  <th>Name</th>
18                  <th>Mark</th>
19                  <th>Grade</th>
20              </tr>
21              <tr id="stu1"></tr>
22              <tr id="stu2"></tr>
23              <tr id="stu3"></tr>
24              <tr id="stu4"></tr>
25              <tr id="stu5"></tr>
26          </table>
27          <script src="script.js"></script>
28    </body>
29 </html>
```

CSS:

```css
 1 body {
 2     font-size: 16pt;
 3 }
 4 h1 {
 5     text-transform: uppercase;
 6     text-align:center;
 7 }
 8 table {
 9     display:block;
10     margin-left:auto;
11     margin-right:auto;
12     width:20%;
13     align-items:center;
14     background-color:#00143d83;
```

```css
15      text-align: center;
16  }
17  th, td {
18      border: 3px solid black;
19      border-collapse:collapse;
20  }
21  td {
22      font-weight:500;
23      align:centre;
24  }
25  div {
26      display:block;
27      margin-left:auto;
28      margin-right:auto;
29      width:50%;
30      text-align:centre;
31  }
```

Javascript:

```javascript
1  var names = Array();
2  var marks = Array();
3  var grades = Array();
4
5  var i;
6  for(i = 0; i < 5;i++){
7      var name = window.prompt("Enter name of student " +
       String(i+1) + " : " );
8      var str_mark = window.prompt("Enter mark of " + name + "
       : ");
9
10     var mark = parseFloat(str_mark);
11     var grade;
12     if(mark > 90){
13         grade = "A";
14     }
15     else if(mark > 80){
16         grade = "B";
17     }
18     else if(mark > 70){
19         grade = "C";
20     }
```

```
21      else if(mark > 60){
22          grade = "D";
23      }
24      else if(mark > 50){
25          grade = "E";
26      }
27      else{
28          grade = "F";
29      }
30
31      names.push(name);
32      marks.push(mark);
33      grades.push(grade);
34 }
35
36 console.log(marks);
37 document.getElementById("stu1").innerHTML =
38      "<td>" + String(names[0]) + "</td>" +
39      "<td>" + String(marks[0]) + "</td>" +
40      "<td>" + String(grades[0]) + "</td>";
41 document.getElementById("stu2").innerHTML =
42      "<td>" + names[1] + "</td>" +
43      "<td>" + marks[1] + "</td>" +
44      "<td>" + grades[1] + "</td>";
45 document.getElementById("stu3").innerHTML =
46      "<td>" + names[2] + "</td>" +
47      "<td>" + marks[2] + "</td>" +
48      "<td>" + grades[2] + "</td>";
49 document.getElementById("stu4").innerHTML =
50      "<td>" + names[3] + "</td>" +
51      "<td>" + marks[3] + "</td>" +
52      "<td>" + grades[3] + "</td>";
53 document.getElementById("stu5").innerHTML =
54      "<td>" + names[4] + "</td>" +
55      "<td>" + marks[4] + "</td>" +
56      "<td>" + grades[4] + "</td>";
```

Output:

ASSIGNMENT 2

JavaScript

Name	Mark	Grade
ABC	91	A
XYZ	45	F
ASD	65	D
LKJ	73	C
FGH	57	E
Grade info		