

Assignment no :1

Q.1

```
1  <Quest1 html>
2  <html>
3      <head>
4          <title>
5              Loan Calculator
6          </title>
7      </head>
8      <body>
9          <div>
10             <h1>Loan Calculator</h1>
11             <p>Amount :
12                 <input id="amount" type="number" onchange="Calculate()">
13             </p>
14             <p>Interest Rate :
15                 <input id="rate" type="number" onchange="Calculate()">
16             </p>
17             <p>Months to Pay :
18                 <input id="months" type="number" onchange="Calculate()">
19             </p>
20             <h2 id="total"></h2>
21         </div>
22         <script>
23             function Calculate() {
24                 const amount = document.querySelector("#amount").value;
25                 const rate = document.querySelector("#rate").value;
26                 const months = document.querySelector("#months").value;
27                 const interest = (amount * (rate * 0.01)) / months;
28                 const total = ((amount / months) + interest).toFixed(2);
29                 document.querySelector("#total")
30                     .innerHTML = "EMI : " + total;
31             }
32         </script>
33     </body>
34 </html>
35
```

Loan Calculator

Amount :

Interest Rate :

Months to Pay :

EMI : 2050.00

Assignment no :1

Q.2

```
1  <Q2 html>
2  <html>
3  >    <head> ...
5      </head>
6      <body>
7          <p>
8              <label>Fahrenheit</label>
9              <input id="inputFahrenheit" type="number" placeholder="Fahrenheit"
10                 oninput="temperatureConverter(this.value)"
11                 onchange="temperatureConverter(this.value)">
12          </p>
13          <p>Celsius: <span id="outputCelsius"></span></p>
14          <script>
15              function temperatureConverter(valNum) {
16                  valNum = parseFloat(valNum);
17                  document.getElementById("outputCelsius").innerHTML = (valNum - 32) /
18                      1.8;
19              }
20          </script>
21      </body>
22  </html>
23
```

Fahrenheit

Celsius: 39.44444444444444

Q.3

```
1  <!Q3 html>
2  <html>
3  <head>
4      <title>Shopping app</title>
5  </head>
6  <body>
7      <div>Grocery Item Name:
8          <input type="text" id="grocery" placeholder="Enter Item Name">
9      </div>
10     <button id="myButton">Add</button>
11     <div>
12         <ol id="listholder"></ol>
13     </div>
14     <script>
15         var myButton = document.getElementById("myButton");
16         myButton.addEventListener("click", displayDetails);
17         function displayDetails() {
18             const list = document.getElementById("listholder");
19             const itemName = document.getElementById("grocery").value;
20             const entry = document.createElement('li');
21             entry.appendChild(document.createTextNode(itemName));
22             list.appendChild(entry);
23             document.getElementById("grocery").value = '';
24         }
25     </script>
26 </body>
27 </html>
```

Assignment no :1

Grocery Item Name:

1. fenugreek
2. tomatoes
3. potatoes

Q.4

```
1  <!DOCTYPE html>
2  <html>
3
4  <head>
5      <title>User Data Entry table</title>
6  </head>
7  <style>
8      table th , tr ,td {
9          border: 1px solid black;
10         border-collapse: collapse;
11     }
12 </style>
13
14 <body>
15     <div id="container">
16         <div>Name:
17         <input id="name" type="text" placeholder="Enter Name">
18         </div>
19         <div>Address:
20         <input id="address" type="text" placeholder="Enter Address">
21         </div>
22         <div>Mobile:
23         <input id="mobile" type="text" placeholder="Enter Number">
24         </div>
25         <button id="entry">Add</button>
26         <table id="display">
27             <tr>
28                 <th>Name</th>
29                 <th>Address</th>
30                 <th>Mobile</th>
31             </tr>
32         </table>
33         <script>
34             var entry = document.getElementById("entry");
35             entry.addEventListener("click", displaydetails);
36             var row = 1;
37             function displaydetails() {
```

Assignment no :1

```
38     var name = document.getElementById("name").value;
39     var address = document.getElementById("address").value;
40     var mobile = document.getElementById("mobile").value;
41     if (!name || !address || !mobile) {
42         alert("Please fill all the details");
43         return;
44     }
45     var display = document.getElementById("display");
46     var newRow = display.insertRow(row);
47     var cell1 = newRow.insertCell(0);
48     var cell2 = newRow.insertCell(1);
49     var cell3 = newRow.insertCell(2);
50     cell1.innerHTML = name;
51     cell2.innerHTML = address;
52     cell3.innerHTML = mobile;
53     row++;
54 }
55
56 </script>
57
58 </div>
59 </body>
60
61 </html>
```

Name:

Address:

Mobile:

Name	Address	Mobile
Abdul	New Delhi	8436681854
Sarfaraaj	Hyderabad	8413546365
Bhupesh	West Bengal	9565485346
Soham	Karnatak	8765468435