

1. Create a JS application that accept the student's roll number,name, marks and when the form has been submitted display the student's name,roll number,and marks in a tabular format along with their GPA (like a marks sheet).

```
<!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>Student-Marks-Sheet</title>
  <!-- CSS only -->
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0-beta1/dist/css/
bootstrap.min.css" rel="stylesheet"
integrity="sha384-0evHe/X+R7YkIZDRvuzKMRqM+OrBnVFBL6DOitfPri4tjfhXaWutUpFmBp4vmVor"
crossorigin="anonymous">

  <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.min.js"></script>

  <style>
    .sdetails{

    }
  </style>
</head>
<body>
  <div id="mydata">

</div>

<div id="myformdiv">
  <h3> Enter Student Details and Marks</h3>
  <form id="myForm" method="post" >
    <label>Student name:</label>
    <input type="text" id="sname" ><br> <br>
    <label>Roll number:&nbsp;  </label>
    <input type="text" id="rollno"><br><br>
    <label>subject1 Marks:</label>
    <input type="text" id="sub1name" placeholder="sub1">
    <input type="number" id="marks1"><br><br>
    <label>subject2 Marks:</label>
    <input type="text" id="sub2name" placeholder="sub2" >
    <input type="number" id="marks2"><br><br>
    <label>subject3 Marks:</label>
    <input type="text" id="sub3name" placeholder="sub3">
    <input type="number" id="marks3"><br><br>
    <input type="button" onclick="myFunction()" value="Submit">
  </form>
</div>
  <script>
    function myFunction() {
      document.getElementById('myformdiv').style.display='none';
      let myInfo = `
      <div class='sdetails'>
      <h3> Student Details and Marks</h3>
      <table class=table-bordered table-primary>
```

```

        <tr>
            <td class="bg-primary"> Name</td> <td>$
{ document.getElementById('sname').value}</td>
        </tr>
        <tr> <td class="bg-primary"> Hallicket Number:  </td> <td>$
{ document.getElementById('rollno').value}</td>
        </tr>
        <tr>
            <td > ${ document.getElementById('sub1name').value} Marks
</td><td>${ document.getElementById('marks1').value}</td>
            </tr>
            <tr> <td>  ${ document.getElementById('sub2name').value} Marks
</td><td> ${ document.getElementById('marks2').value}</td>
            </tr>
            <tr> <td>  ${ document.getElementById('sub3name').value} Marks
</td><td> ${ document.getElementById('marks3').value}</td>
            </tr>
        </tr>
    </table>
</div>

`;
    document.getElementById('mydata').innerHTML = myInfo;
}
</script>

```

```

</body>
</html>

```

2) Write a JavaScript program to find the most frequent item of an array.

```

var arr1=[3, 'a', 'a', 'a', 2, 3, 'a', 3, 'a', 2, 4, 9, 3];
var mf = 1;
var m = 0;
var item;
for (var i=0; i<arr1.length-1; i++)
{
    for (var j=i; j<arr1.length; j++)
    {
        if (arr1[i] == arr1[j])
            m++;
        if (mf<m)
        {
            mf=m;
            item = arr1[i];
        }
    }
    m=0;
}
console.log(item+" ( " +mf +" times ) " ) ;

```

EXPECTED OUTPUT

a (5 times)

if the input contains same number of occurrences for two entries then it prints only least significant one