Web Security   Lab Fat

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Reg. No. – 18BCI0183

Slot – L27 + L28

Question –

3. Student Grade

Given details of 'n' students, design HTML form and write the JavaScript to determine each student's average marks. The details of the student include name, register number, and five marks. Write a function to determine the total marks scored by the student.

Input Format :Use HTML elements

⬚ Number of students

⬚ Register number of student1

⬚ Five marks of student1

Output Format

⬚ On click button named Result, display the names of the student with total marks.

Procedure –

In this program we first have to input the 5 subjects marks of the student records using html forms .

Then we will use javascript code to calculate the total marks, and average amrks of the students.
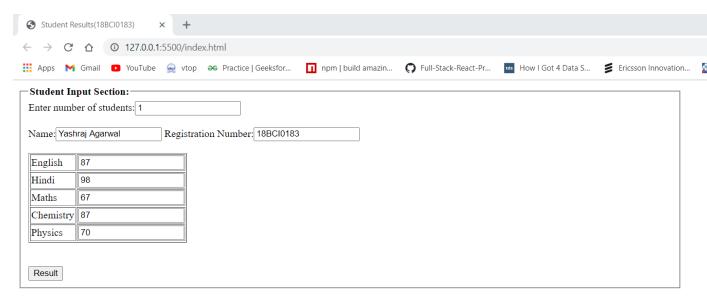
Then we will output the marks .

Code –

```html
<!DOCTYPE html>
<html>
<head>
    <title>Enter Marks</title>
<script type="text/javascript">
function submit_marks() {
var sub1 = parseInt(document.getElementById('s1').value);
var sub2 = parseInt(document.getElementById('s2').value);
var sub3 = parseInt(document.getElementById('s3').value);
var sub4 = parseInt(document.getElementById('s4').value);
var sub5 = parseInt(document.getElementById('s5').value);
var total = sub1+sub2+sub3+sub4+sub5;
var per  = total/5;
var grade;
if (per>=35 && per<=60) {
grade = 'F';
}

else if(per>=61 && per<=70){
grade = 'D';
}

else if(per>=71 && per<=80){
grade = 'C';
}

else if(per>=81 && per<=90){
grade = 'B';
}

else if(per>=91 && per<=100){
```
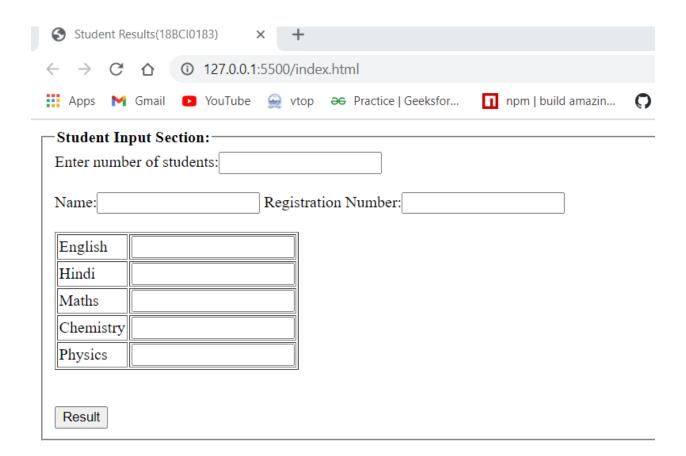
```
grade = 'A';
}

else{
grade = "Invalid or Failed";
}
document.getElementById("demo").innerHTML = "Your Total Marks : "+total + "<br> A
verage Marks : " + per;
// document.write("Your Total Marks : "+total);
// document.write("<br>Your Percentage : "+per);
// document.write("<br>Your Grade : "+grade);


}
</script>
</head>
<body>
    <h1>Enter Students Marks</h1>
    <input type="text" id="s1" placeholder="Enter English Marks"><br>
    <input type="text" id="s2" placeholder="Enter IT Marks"><br>
    <input type="text" id="s3" placeholder="Enter OCM Marks"><br>
    <input type="text" id="s4" placeholder="Enter Economics Marks"><br>
    <input type="text" id="s5" placeholder="Enter Maths Marks"><br>


    <input type="submit" onclick="submit_marks()">

    <div id="demo"></div>
</body>
</html>
```

Output –

Student Results(18BCI0183) × +

← → C ⌂ ⓘ 127.0.0.1:5500/index.html

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Student Input Section:

Enter number of students:

Name: Registration Number:

English	
Hindi	
Maths	
Chemistry	
Physics	

Result

Report Card

Total Marks 339
Average Marks 67.8