

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-
scale=1.0" />
    <title>Calculator</title>
    <style>
      /* #but {
        display: inline;
        background-color: rgb(43, 22, 22);
      } */
      body {
        background-color: rgb(239, 244, 244);
      }
      input {
        margin: 20px;
        padding: 5px;

        border-color: rgb(114, 111, 111);
        border-radius: 5px;
        box-shadow: 2px 2px 5px rgba(0, 0, 0, 0.7);
      }
      button {
        color: rgb(2, 12, 12);
        margin: 10px;
        background-color: rgb(235, 229, 229);
        border-radius: 5px;
        padding: 2px 10px 2px 10px;
        box-shadow: 2px 2px 5px rgba(0, 0, 0, 0.7);
      }
      input:hover,
      button:hover {
        box-shadow: 4px 4px 8px rgba(11, 11, 11, 0.9);
      }
    </style>
  </head>
  <script>
    function sum() {
      const a = document.getElementById("first").value;
      const b = document.getElementById("second").value;
      const elem = document.getElementById("finalsum");
      elem.innerHTML =
```

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        "<p>" + "Sum is : " + " </p>" + parseInt(a) + parseInt(b);
    }
    function multi() {
        const a = document.getElementById("first").value;
        const b = document.getElementById("second").value;
        const elem = document.getElementById("finalsum");
        elem.innerHTML =
            "<p>" + "Multiplication is : " + " </p>" + parseInt(a) *
parseInt(b);
    }
    function minus() {
        const a = document.getElementById("first").value;
        const b = document.getElementById("second").value;
        const elem = document.getElementById("finalsum");
        elem.innerHTML =
            "<p>" + "Substraction is : " + " </p>" + parseInt(a) -
parseInt(b);
    }
    function div() {
        const a = document.getElementById("first").value;
        const b = document.getElementById("second").value;
        const elem = document.getElementById("finalsum");
        elem.innerHTML =
            "<p>" + "Division is : " + " </p>" + parseInt(a) / parseInt(b);
    }
    function reset() {
        document.getElementById("first").value = "";
        document.getElementById("second").value = "";
    }
</script>
<body>
    <center>
        <h2 id="ghead"><u>Simple Calculator</u></h2>

        <input id="first" type="text" placeholder="first num" />
        <br />
        <input id="second" type="text" placeholder="second" /><br />
        <div id="but">
            <button onclick="sum()">sum</button><br />
            <button onclick="multi()">multi</button><br />
            <button onclick="minus()">minus</button><br />
            <button onclick="div()">div</button><br />
            <button onclick="reset()">reset</button><br />
        </div>

```

```
<div id="finalsum"></div>
</center>
<br />
</body>
</html>
```

Simple Calculator

Sum is :
34

Q-2 Grade calculator

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<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
```

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    <meta name="viewport" content="width=device-width, initial-
scale=1.0" />
    <title>Student Grade Calculator</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            font-style: italic;
            text-align: center;
            padding-top: 50px;
            background-color: rgb(216, 215, 213);
        }
        input {
            border-radius: 5px;
            padding: 2px;
            box-shadow: 2px 2px 5px rgba(0, 0, 0, 0.7);
        }
        button {
            border-radius: 5px;
            padding: 5px;
            margin-left: 32px;
            box-shadow: 2px 2px 5px rgba(0, 0, 0, 0.7);
        }
        form {
            margin-bottom: 20px;
        }
        label {
            color: rgb(30, 14, 14);
            font-style: italic;
        }
        input:hover,
        button:hover {
            box-shadow: 4px 4px 8px rgba(11, 11, 11, 0.9);
        }
    </style>
</head>
<body>
    <h2>Student Grade Calculator</h2>
    <form id="gradeForm">
        <label for="name">Student Name:</label>
        <input type="text" id="name" required /><br /><br />

        <label for="subject1">English:</label>
        <input type="number" id="subject1" required /><br /><br />

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<label for="subject2">Computer Science:</label>
<input type="number" id="subject2" required /><br /><br />

<label for="subject3">Math:</label>
<input type="number" id="subject3" required /><br /><br />

<label for="subject4">Social Science:</label>
<input type="number" id="subject4" required /><br /><br />

<label for="subject5">Hindi:</label>
<input type="number" id="subject5" required /><br /><br />

<button type="button" onclick="calculateGrade()">Calculate
Grade</button>
<button type="button" onclick="reset()">Reset</button>
</form>

<div id="result"></div>

<script>
  function calculateGrade() {
    var name = document.getElementById("name").value;
    var subject1 =
parseFloat(document.getElementById("subject1").value);
    var subject2 =
parseFloat(document.getElementById("subject2").value);
    var subject3 =
parseFloat(document.getElementById("subject3").value);
    var subject4 =
parseFloat(document.getElementById("subject4").value);
    var subject5 =
parseFloat(document.getElementById("subject5").value);

    var totalMarks = subject1 + subject2 + subject3 + subject4 +
subject5;
    var avgmarks = totalMarks / 5;

    var grade;
    if (avgmarks >= 90) {
      grade = "A+";
    } else if (avgmarks >= 80) {
      grade = "A";
    } else if (avgmarks >= 70) {
      grade = "B";
    }
  }
}
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    } else if (avgmarks >= 60) {  
        grade = "C";  
    } else if (avgmarks >= 50) {  
        grade = "D";  
    } else {  
        grade = "F";  
    }  
  
    var result = "Student Name: " + name + "<br>";  
    result += "Total Marks: " + totalMarks + "<br>";  
    result += "Average Marks: " + avgmarks.toFixed(2) + "<br>";  
    result += "Grade: " + grade;  
  
    document.getElementById("result").innerHTML = result;  
}  
function reset() {  
    document.getElementById(subject1).value = "";  
    document.getElementById(subject2).value = "";  
    document.getElementById(subject3).value = "";  
    document.getElementById(subject4).value = "";  
    document.getElementById(subject5).value = "";  
}  
</script>  
</body>  
</html>
```

Student Grade Calculator

Student Name:

English:

Computer Science:

Math:

Social Science:

Hindi:

Student Name: satyendra singh

Total Marks: 334

Average Marks: 66.80

Grade: C