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<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Form Validation</title>
  </head>
  <style>
    .form {
      display: flex;
      flex-direction: column;
    }
    input {
      width: 30%;
      padding: 10px;
    }
    label {
      margin: 5px;
      font-size: 24px;
    }
    .btn-container {
      margin: 5%;
      display: flex;
      gap: 5%;
    }
    button {
      padding: 10px;
      outline: none;
      border: none;
      background: #000;
      color: white;
      border-radius: 10px;
      cursor: pointer;
    }
    .result{
      display: flex;
      flex-direction: column;
    }
  </style>
  <body>
    <form class="form">
      <label for="" class="name">Name</label>
      <input type="text" name="name" id="name-input" />

      <label for="" class="usn">USN</label>
      <input type="text" name="usn" id="usn-input" />

      <label for="" class="Sub-1">Sub-1</label>
      <input type="number" name="sub1" id="Sub-1-input" required/>

      <label for="" class="Sub-2">Sub-2</label>
      <input type="number" name="sub2" id="Sub-2-input" required />
      <label for="" class="Sub-3">Sub-3</label>
      <input type="number" name="sub3" id="Sub-3-input" required/>
    </form>
  </body>
</html>
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<label for="" class="Sub-4">Sub-4</label>
<input type="number" name="sub4" id="Sub-4-input" required/>

<label for="" class="Sub-5">Sub-5</label>
<input type="number" name="sub5" id="Sub-5-input" required />

<label for="" class="Sub-6">Sub-6</label>
<input type="number" name="sub6" id="Sub-6-input" required/>

<div class="btn-container">
  <button type="submit">Submit</button>
  <button type="reset">Reset</button>
</div>
</form>
<div class="result">
  <label for="" class="Total-marks">Total Marks</label>
  <input type="number" id="Total-marks-input" readonly />

  <label for="" class="Percentage">Percentage</label>
  <input type="number" id="Percentage-input" readonly />

  <label for="" class="Grade">Grade</label>
  <input type="text" id="Grade-input" readonly/>
</div>
</body>
<script>
let form = document.querySelector(".form");
let totalMarksInput = document.querySelector("#Total-marks-input");
let percentageInput = document.querySelector("#Percentage-input");
let gradeInput = document.querySelector("#Grade-input");

form.addEventListener("submit", function (e) {
  e.preventDefault();
  const formdata = new FormData(form);
  let sb1 = Number(formdata.get("sub1"));
  let sb2 = Number(formdata.get("sub2"));
  let sb3 = Number(formdata.get("sub3"));
  let sb4 = Number(formdata.get("sub4"));
  let sb5 = Number(formdata.get("sub5"));
  let sb6 = Number(formdata.get("sub6"));

  let count = 0;
  let tempGrade;

  let totalMarks = sb1 + sb2 + sb3 + sb4 + sb5 + sb6;
  totalMarksInput.value = totalMarks;
  let percentage = totalMarks / 6;
  percentageInput.value = percentage.toFixed(2);

  if (sb1 < 40) count += 1;
  if (sb2 < 40) count += 1;
  if (sb3 < 40) count += 1;
  if (sb4 < 40) count += 1;

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if (sb5 < 40) count += 1;
if (sb6 < 40) count += 1;

if (count == 0) {
    if (percentage >= 90) tempGrade = "A+";
    else if (percentage >= 80) tempGrade = "A";
    else if (percentage >= 70) tempGrade = "B+";
    else if (percentage >= 60) tempGrade = "B";
    else if (percentage >= 50) tempGrade = "C+";
    else if (percentage >= 40) tempGrade = "C";
} else {
    tempGrade = "Fail";
}
gradeInput.value = tempGrade;
});
</script>
</html>
```