

```
<!DOCTYPE html>
<html>
<head>
<meta charset="utf-8">
<meta name="viewport"
content="width=device-width, initial-
scale=1">
<title>Day2 Assignment</title>
</head>
<body>
<script type="text/javascript">
// Program to print multiplication
table of 5
```

```
const number =
parseInt(prompt("Enter a number : "));
```

```
for (let i = 1; i <= 10; i++) {
  console.log(number + "*" + i + "=" +
number * i);
}
```

```
document.write("<br>");
```

//Q2

// Store marks of all the subjects in an array

let marks=[25, 65, 46, 98, 78, 65];

// Max marks will be 100 \* number of subjects

let max\_marks = marks.length \* 100;

// Initialize student's total marks to 0

let total = 0;

// Initialize student's grade marks to F

let grade = 'F';

// Traverse through the marks array to find the sum.

```
for (let i = 0; i < marks.length; i++) {  
  total += marks[i];  
}
```

// Calculate the percentage.

let percentage

= ((total) / max\_marks) \* 100;

// Nested if else

if (percentage >= 90) {

grade = 'A';

```
}  
else {  
  if (percentage >= 80 && percentage  
    <= 89) {  
    grade = 'B';  
  }  
  else {  
    if (percentage >= 60 && percentage  
      <= 79) {  
      grade = 'C';  
    }  
    else {  
      if (percentage >= 33 && percentage  
        <= 59) {  
        grade = 'D';  
      }  
      else {  
        grade = 'F';  
      }  
    }  
  }  
}
```

```
console.log('grade:',grade);
```

```
    console.log('percentage:',  
percentage);
```

```
</script>
```

```
</body>
```

```
</html>
```