

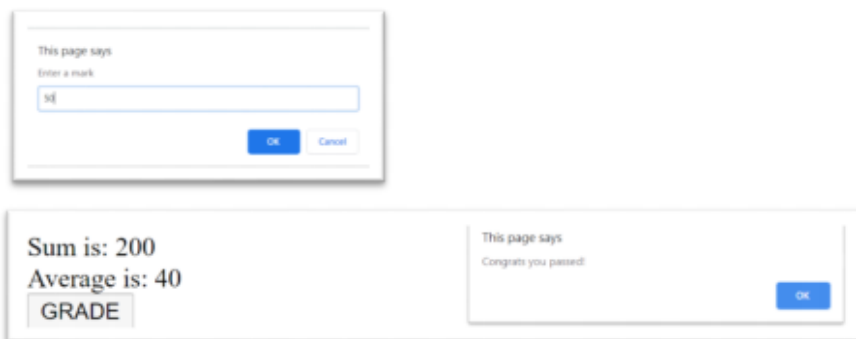
JavaScript – Tutorial

1. Write a JavaScript code to display the pop-up message box as shown below when the button in the page is clicked



2. Write a JS program to get 5 marks from the user and calculate the total and average of those marks and display the output. When a user clicks on the grade button the following should execute.

If the average is greater than 30 display an alert "Congrats! You passed" and if the average is below 30 display an alert "Better luck next time".



1)

```
<html>
  <head>
    <title>popup message box</title>
  </head>
  <body>
    <button onclick="showMSG()">Click Me</button>

    <script>
      function showMSG()
      {
```

```
        alert("This is a Alert");
    }
</script>
</body>
</html>
```

2)

```
<html>
  <head>
    <title>popup message box</title>
  </head>
  <body>
    <h3>Calculate Total and Average Marks</h3>
    <button onclick="calculateGrade()">Grade</button>
    <script>
      function calculateGrade()
      {
        var marks=[];
        var total=0;
        var avg=0;

        for(var i=0;i<5;i++)
        {
          var mark=parseFloat(prompt("Enter mark "+(i+1)+" :"));
          marks.push(mark);
          total += mark;
        }
        avg=total/marks.length;

        alert("Total Marks: "+total + "\nAverage Marks: "+avg);

        if(avg>30)
        {
          alert("Congrats! you passed.");
        }
        else
        {
          alert("Better luck next time.");
        }
      }
    </script>
  </body>
</html>
```