

Q1 Write a JavaScript Program to convert Temperatures to and from Celsius,Fahrenheit.  
Formula : $c/5 = \{f-32\}/9$

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width,
initial-scale=1.0">
  <title>Temperature</title>
  <style>
    .field {
      width: 150px;
    }

    #submit {
      margin: 10px;
      border-radius: 5px;
    }
  </style>
</head>

<body>
  <fieldset class="field">
    <legend>Temperature</legend>
    Fahrenheit:<br>

    <input type="text" id="F">
    <br> Celsius:
    <br>
    <input type="text" id="C">

    <br>
    <input type="submit" id="submit" onclick="temp()">
  </fieldset>
</body>

<script>
```

```
function temp() {  
    var F = document.getElementById("F");  
    var C = document.getElementById("C");  
    if (F.value) {  
        C.value = 5 * (F.value - 32) / 9;  
  
    } else {  
  
        F.value = (9 * C.value) / 5 + 32;  
    }  
}  
</script>  
  
</html>
```

Output:

Temperature

Fahrenheit:

Celsius:

Q2. Write a Js Conditional statement to find the largest of five numbers. Display an alert box to show the results.

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Largest Of Five Number</title>
</head>

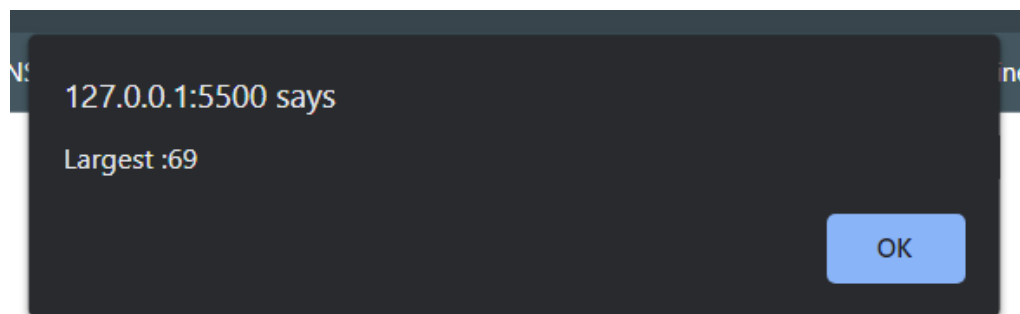
<body>
  <input type="submit" id="submit" onclick="Largest()" >
</body>

<script>
  var a = [25, 12, 58, 69, 23];
  var largest = a[0];
  for (var i = 1; i < a.length; i++) {
    if (a[0] < a[i]) {
      largest = a[i];
    }
  }

  alert("Largest :" + largest);
</script>

</html>
```

Output:



Q3. Write a JS program which iterates the integers from 1 to 100. But for multiples of 3 print "Fizz" instead of the number and for the multiples of 5 print "Buzz". For numbers which are multiples of both 3 and 5 print "fizzbuzz".

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>

<body>
  <input type="button" id="btn" onclick="fizzbuzz()">

  <script>
    function fizzbuzz() {

      var s = [];

      for (var i = 1; i <= 100; i++) {
        if (i % 3 == 0) {
          s.push(i + "-" + "Fizz\n");
        } else if (i % 5 == 0) {
          s.push(i + "-" + "Buzz\n");
        } else if (i % 3 == 0 && i % 5 == 0) {
          s.push(i + "-" + "fizzbuzz\n");
        }
      }

      var out = s.join("");
    }
  </script>

```

```
        alert(out);  
    }  
</script>  
  
</body>  
  
</html>
```

Output:

