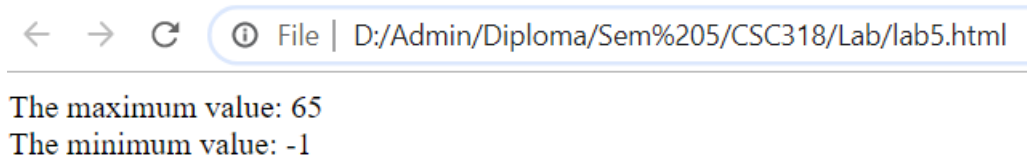


LAB EXERCISE 5

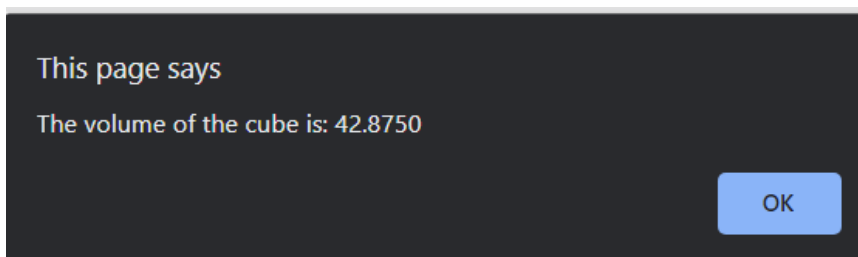
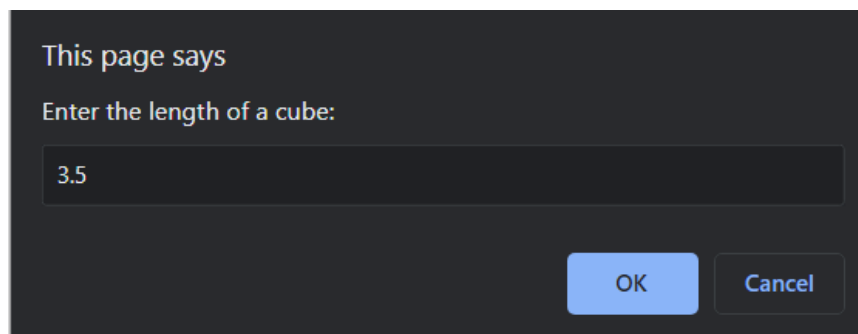
Question 1

```
<script language= "JavaScript">
    var numbers = new Array(34, 65, -1, 15, 0, 5.43);
    document.write("The maximum value: " + Math.max(...numbers));
    document.write("<br>The minimum value: " + Math.min(...numbers));
</script>
```



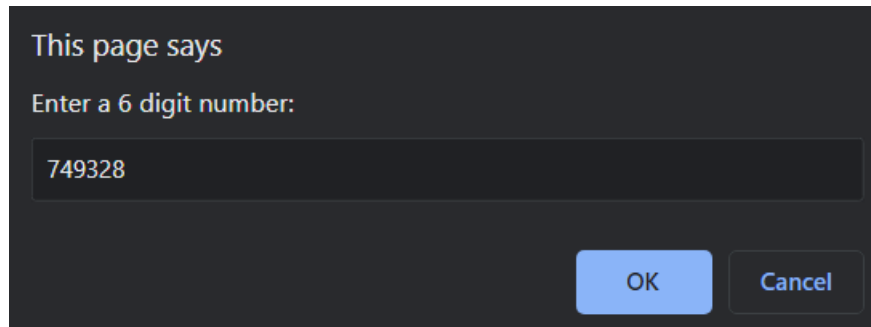
Question 2

```
<script language= "JavaScript">
    var length = parseFloat(prompt("Enter the length of a cube:"));
    alert("The volume of the cube is: " + Math.pow(length, 3).toFixed(4));
</script>
```



Question 3

```
<script language= "JavaScript">
  var numbers = prompt("Enter a 6 digit number:");
  document.write("Your input: " + numbers);
  var numSplit = numbers.split("");
  document.write("<br>Sorted: " + numSplit.sort().reverse());
</script>
```



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Your input: 749328
Sorted: 9,8,7,4,3,2

Question 4

```
<script language= "JavaScript">
  var i,j;
  for(i=1; i <= 8; i++)
  {
    for(j=1; j<=i; j++)
    {
      document.write('*');
    }
    document.write('<br />');
  }
</script>
```

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**

Question 5

```
<script language= "JavaScript">  
    var drink = [hot[tea,coffee],cold[fruit juice, smoothie]];  
</script>
```

Question 6

```
<script language= "JavaScript">  
    var numSum = 0;  
    do  
    {  
        var num = prompt("Enter integer:");  
        if (num != "")  
            {numSum = parseInt(num) + parseInt(numSum);}  
    }  
    while (num != "")  
    alert("Your sum is:" + numSum);  
</script>
```