



Society for Computer Technology & Research's  
**Pune Institute of Computer Technology**  
**Department of Electronics and Telecommunication Engineering**

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Division: 5	Batch: P5

Practical No: 6 Perform different array operations using javaScript

Code:

### Index.html

```
<!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">
  <script src="script.js"></script>
  <title>Array operations</title>
</head>
<style>
  body{
    text-align: center;
  }
  .res{
    text-align: center;
  }
</style>
<body>
  <h2>Arrays in JavaScript</h2>
  </h3>
  <form class="" method="post">
    <p>
      Enter array values separated by comma. <br>
      Eg: 1,2,3,4,5
    </p>
    <input type="text" id='arr' value="" /> :
    <button type="button" name="button" onclick="arrayip()">Submit Array</button><br><br>
    <span id="res2"></span><br><br><br>

    <input type="text" id='delete' value="" /> :
    <button type="button" name="button" onclick="del()">Delete an
element</button><br><br>
    <span id="res3"></span><br><br><br>

    <input type="text" id='fnd' value="" /> :
    <button type="button" name="button" onclick="find()">Find an element</button><br><br>
    <span id="res4"></span><br><br><br>

    <div class="res">
```



```
        <button type="button" name="button" onclick="Empty()">Empty the  
Array</button><br>  
        <span id="res5"></span><br><br>  
  
        <button type="button" name="button" onclick="Display()">Display the  
Array</button><br><br>  
        Resultant Array is : <span id="res6"></span><br><br>  
    </div>  
  
</body>  
</html>  
</body>
```

### Script.js

```
var Array=[];  
var n;  
  
function arrayip(){  
    let arr=document.getElementById('arr').value;  
    Array=arr.split(',');  
    var str="Array :"+Array;  
    document.getElementById("res2").innerHTML=str;  
    console.log(typeof(Array));  
}  
function del(){  
    let val=document.getElementById('delete').value;  
    var f=Array.indexOf(val);  
    if(f== -1){  
        var str="Value :"+val+" is not present in array";  
        document.getElementById("res3").innerHTML=str;  
    }  
    else{  
        delete Array[f];  
        var str="Value :"+val+" is deleted";  
        document.getElementById("res3").innerHTML=str;  
    }  
}  
function find(){  
    var val=document.getElementById('fnd').value;  
    var f=Array.indexOf(val);  
    if(f== -1){  
        var str="Value :"+val+" is not present in array";  
        document.getElementById("res4").innerHTML=str;  
    }  
    else{  
        var str="Value :"+val+" is present in array at index "+f;  
        document.getElementById("res4").innerHTML=str;  
    }  
}  
function Empty(){
```



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```
Array=[];  
document.getElementById("res5").innerHTML="Array is Emptied";  
}  
function Display(){  
    var str="";  
    for(var i=0;i<Array.length;i++){  
        if(Array[i]!=undefined)  
            str+=Array[i] + " ";  
    }  
    document.getElementById("res6").innerHTML=str;  
}
```

Output:

**Arrays in JavaScript**

Enter array values separated by comma.  
Eg: 1,2,3,4,5

:

Array :1,2,3,4,5

:

Value :3 is deleted

:

Value :4 is present in array at index 3

Resultant Array is : 1 2 4 5