```
<!--1.Print the given array using for loop
    (i)Input:[33,44,11,33,44,555,11,11,45]
-->

<script>
    var input = [33,44,11,33,44,555,11,11,45];
        for( var i=0; i<input.length; i++){
            console.log(input[i]);
        }
</script>

<!--2.Print the given array using "for of"  loop
    (i)Input:[33,44,11,33,44,555,11,11,45]
-->

<script>
    var input = [33,44,11,33,44,555,11,11,45];
        for( var i of input){
            console.log(i);
        }
</script>

<!--3.Print the given array using foreach loop
    (i)Input:[33,44,11,33,44,555,11,11,45]
-->
```

```
<script>
    var input = [33,44,11,33,44,555,11,11,45];
    input.forEach(function(a){
        console.log(a);
    })
</script>

<!--4.Print the given array in reverse format using built in funciton
    (i)Input:[33,44,11,33,44,555,11,11,45]
    (ii)output[45,11,11,555,44,33,11,44,33]
-->

<script>
    var input = [33,44,11,33,44,555,11,11,45];
            var result = input.reverse();
    console.log(result);
</script>

<!--5.Print the given array in reverse format without using built in funciton
    (i)Input:[33,44,11,33,44,555,11,11,45]
    (ii)output[45,11,11,555,44,33,11,44,33]
-->
```

```
<script>
    var input = [33,44,11,33,44,555,11,11,45];
    for( var i=input.length; i>0; i--){
       console.log (input[i]);
    }
</script>

<!--6.Print the given array in ascending order
    (i)Input:[33,44,11,33,44,555,11,11,45]
    (ii)output[11,11,11,33,33,44,44,45,555]  Using  built in function
-->

<script>
    var input = [33,44,11,33,44,555,11,11,45];
    var result = input.sort(function(a,b){
        return a-b;
    });
    console.log(result);
</script>

<!--7.Print the given array in descending order
    (i)Input:[33,44,11,33,44,555,11,11,45]
    (ii)output[11,11,11,33,33,44,44,45,555]  Using  built in function
-->
```

```
<script>
    var input = [33,44,11,33,44,555,11,11,45];
    var result = input.sort(function(a,b){
        return b-a;
    });
    console.log(result);
</script>

<!--8.Print the given array in ascending order
    (i)Input:[33,44,11,33,44,555,11,11,45]
    (ii)output[11,11,11,33,33,44,44,45,555]  Using  without built in function
-->

<script>
    var arr = [33,44,11,33,44,555,11,11,45]
    var temp;

function input(arr) {

  for(let i=0; i<arr.length; i++) {

    for (let j=i+1; j<arr.length; j++) {

      if(arr[i] > arr[j]) {

        temp = arr[i]
        arr[i] = arr[j]
        arr[j] = temp
```

```
    }
   }
  }
  return arr;
}

var newArray = input(arr);
console.log(newArray);
</script>

<!--12.Find the palindrome number in the given array
    (i)Input:[22,3,4,21,45,77,34]
    (ii) Output:[22,3,4,77]
-->
<script>
    var input =[22,3,4,21,45,77,34];
    var result=[];
    for (var i=0; i<input.length; i++){
        let temp = input[i].toString(). split("").reverse().join("");
        console.log(temp);
        if (input[i]===Number(temp)){
            result.push(input[i]);
        }
        console.log(result);
    }
</script>
```

```
<!--13.convert the given number = 34531 and string= "salman" into array
    (i)Ouput:[3,4,5,3,1]
    (ii)['s','a','l','m','a','n]
-->

<script>
    var num = 34531;
    var str = "salman";
    var myArray1 = num.toString().split("");
    console.log(myArray1);
    var myArray2 = Array.from(str);
    console.log(myArray2);
</script>


<!--11.Find the prime number in the given array
    (i)Input:[2,3,4,5,6,7,8,9,11]
    (ii)output:[2,3,5,7,11]
-->

<script>
    var input = [2,3,4,5,6,7,8,9,11];
    var output = [];
    for( var i of input){
        if(i == 2){
            output.push(i);
        }
        if(i!=2 && i % 2!==0){
```

```
            output.push(i);
        }
    }
    console.log(output);

</script>
```

33	jsArrays.html:8
44	jsArrays.html:8
11	jsArrays.html:8
33	jsArrays.html:8
44	jsArrays.html:8
555	jsArrays.html:8
2 11	jsArrays.html:8
45	jsArrays.html:8
33	jsArrays.html:19
44	jsArrays.html:19
11	jsArrays.html:19
33	jsArrays.html:19
44	jsArrays.html:19
555	jsArrays.html:19
2 11	jsArrays.html:19
45	jsArrays.html:19
33	jsArrays.html:30
44	jsArrays.html:30
11	jsArrays.html:30
33	jsArrays.html:30
44	jsArrays.html:30
555	jsArrays.html:30
2 11	jsArrays.html:30
45	jsArrays.html:30

```
▶ (9) [45, 11, 11, 555, 44, 33, 11, 44, 33]                    jsArrays.html:42
undefined                                                      jsArrays.html:52
45                                                             jsArrays.html:52
2 11                                                           jsArrays.html:52
555                                                            jsArrays.html:52
44                                                             jsArrays.html:52
33                                                             jsArrays.html:52
11                                                             jsArrays.html:52
44                                                             jsArrays.html:52
▶ (9) [11, 11, 11, 33, 33, 44, 44, 45, 555]                    jsArrays.html:66
▶ (9) [555, 45, 44, 44, 33, 33, 11, 11, 11]                    jsArrays.html:79
22                                                             jsArrays.html:91
▶ [22]                                                         jsArrays.html:95
3                                                              jsArrays.html:91
▶ (2) [22, 3]                                                  jsArrays.html:95
4                                                              jsArrays.html:91
▶ (3) [22, 3, 4]                                               jsArrays.html:95
12                                                             jsArrays.html:91
▶ (3) [22, 3, 4]                                               jsArrays.html:95
54                                                             jsArrays.html:91
▶ (3) [22, 3, 4]                                               jsArrays.html:95
77                                                             jsArrays.html:91
▶ (4) [22, 3, 4, 77]                                           jsArrays.html:95
43                                                             jsArrays.html:91

▶ (4) [22, 3, 4, 77]                                           jsArrays.html:95
▶ (5) ['3', '4', '5', '3', '1']                                jsArrays.html:108
▶ (6) ['s', 'a', 'l', 'm', 'a', 'n']                           jsArrays.html:110
▶ (6) [2, 3, 5, 7, 9, 11]                                      jsArrays.html:130
▶ (9) [11, 11, 11, 33, 33, 44, 44, 45, 555]                    jsArrays.html:161
```