```
let numbers = [7, 8, 9, 6, 4, 2, 3, 1];
numbers.sort((a, b) => a - b);
let secondLargest = numbers[numbers.length - 2];
console.log(secondLargest);
let arr=[1,2,1,3,1,2,3]
unique element=[]
for(number of arr) {
   if(!unique element.includes(number)){
       unique element.push(number)
console.log(unique element)
let array = ['apple', 'banana', 'apple', 'orange',
'banana', 'apple'];
let count ele = {};
for (let arr of array) {
    if (count ele[arr]) {
       count ele[arr] +=1;
        count ele[arr] = 1;
console.log(count ele);
```

```
let arr1 = [1, 3, 5, 7];
let arr2 = [2, 4, 6, 8];
let mergedArray = arr1.concat(arr2);
mergedArray.sort((a, b) => a - b);
console.log(mergedArray);
//Find the Intersection of Two Arrays
let arr3 = [1, 2, 3, 4];
let arr4 = [2, 4, 6, 8];
let intersection = arr3.filter(value =>
arr4.includes(value));
console.log(intersection);
let arr5=[1,2,3,4,5,6]
arr5.splice(1,2)
console.log(arr5)
//Find the average of the array
let arr6 = [1, 4, 6, 7, 8, 9, 2];
let sum = 0;
for (i = 0; i < arr6.length; i++) {
    sum += arr6[i];
```

```
let res = sum / arr6.length;
console.log(`The average of the array is
S{res.toFixed(2)}`);
let arr7 = [[1, 2, 3], [4, 5, 6], [7, 8, 9]];
let sum = 0;
for (let i = 0; i < arr7.length; <math>i++) {
    for (let j = 0; j < arr7[i].length; j++) {
        sum += arr7[i][j];
console.log(`The sum of all elements in the 2D array is
{sum}.`);
from 1 to n.
let arr8=[1,2,3,4,5,8,7]
let n=arr8.length+1
let total sum = (n*(n+1)/2)
let sum=0
for (i=0;i<arr8.length;i++) {</pre>
    sum+=arr8[i]
res=total sum-sum
console.log(res)
```

```
let str = "swiss";
let charCount = {};
for (i = 0; i < str.length; i++) {
    if (charCount[str[i]]) {
        charCount[str[i]] +=1;
            charCount[str[i]] = 1;
let fnr=null
for (i=0;i<str.length;i++) {</pre>
    if (charCount[str[i]] ===1) {
        fnr=str[i];
        break;
if(fnr) {
    console.log(`first non-repeating character in a
string is ${fnr}`)
else{
    console.log("there is no non-repeating character in a
```