**1. Write a code to print the numbers in the array**

**Output: 1234567891011**

var numsArr = [ 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11];

var new\_string = “”;

for (var i = 1; i < 11; i--) {

new\_string += numsArr[i]

}

console.log(new\_string);

**Ans :**

**var numsArr = [ 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11];**

**var new\_string = "";**

**for (var i = 0; i < 11; i++) {**

**new\_string += numsArr[i]**

**}**

**console.log(new\_string);**

**------------------------------------------------------------------------------------------------**

**2. Write a code to print the numbers in the array**

**Output: 1,2,3,4,5,6,7,8,9,10,11**

var numsArr = [ 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11];

var new\_string = “”;

for (var i = 1; i < 11; i++) {

new\_string += numsArr[i] + ,

}

console.log(new\_string);

**Ans:**

**var numsArr = [ 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11];**

**var new\_string = "";**

**for (var i = 0; i < 11; i++) {**

**new\_string += numsArr[i] + ","**

**}**

**console.log(new\_string);**

**------------------------------------------------------------------------------------------------**

**3. Write a code to print from last to first with spaces (Make sure there is no space after the last element 1)**

**Output: 11 10 9 8 7 6 5 4 3 2 1**

var numsArr = [ 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11];

var new\_string = “”;

for (var i = 11; i > 0; i — ) {

new\_string += numsArr[i] + “ “

}

console.log(new\_string);

**Ans:**

**var new\_string = "";**

**for (var i = 11; i > 1; i --) {**

**new\_string += i + " " ;**

**}**

**new\_string = new\_string + "1";**

**console.log(new\_string);**

**------------------------------------------------------------------------------------------------**

**4. Write a code to replace the array value — If the number is even, replace it with ‘even’.**

**Output:[ 1, “even”, 3, “even”, 5, “even”, 7, “even”, 9, “even”, … ]**

var numsArr = [ 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11];

for (var i = 0; i <=10; i++) {

if(numsArr[i] %2 == 0 )

{

numsArr[i] = odd

}

}

console.log(numsArr);

**Ans:**

**var numsArr = [ 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11];**

**for (var i = 0; i <=10; i++) {**

**if(numsArr[i] %2 == 0 )**

**{**

**numsArr[i] ="even"**

**}**

**}**

**console.log(numsArr);**

**------------------------------------------------------------------------------------------------**

**5. Write a code to replace the array value — If the index is even, replace it with ‘even’.**

**Output: [ “even”, 2, “even”, 4, “even”, 6, “even”, 8, “even”, 10, … ]**

var numsArr = [ 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11];

for (var i = 0; i <=10; i++) {

if(numsArr[i] %2 == 0 )

{

numsArr[i] = even

}

}

console.log(numsArr);

**Ans:**

**var numsArr = [ 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11];**

**for (var i = 0; i <=10; i++) {**

**if(numsArr[i] %2 != 0 )**

**{**

**numsArr[i] ="even"**

**}**

**}**

**console.log(numsArr);**

**------------------------------------------------------------------------------------------------**

**6. Write a code to add all the numbers in the array**

**Output: 66**

var numsArr = [ 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11];

for (var i = 0; i <=10; i++) {

var sum;

sum += numsArr[i]

}

console.log(sum);

**Ans:**

**var numsArr = [ 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11];**

**var sum = 0;**

**for (var i = 0; i <=10; i++) {**

**sum = sum + numsArr[i];**

**}**

**console.log(sum);**

**------------------------------------------------------------------------------------------------7. Write a code to add the even numbers only**

**Output: 30**

var numsArr = [ 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11];

var sum=0;

for (var i = 0; i <10; i++) {

if(numsArr[i]%2==0);

sum += numsArr[i]

}

console.log(sum);

**Ans:**

**var numsArr = [ 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11];**

**var sum=0;**

**for (var i = 0; i <10; i++) {**

**if(numsArr[i] % 2 == 0){**

**sum += numsArr[i]**

**}**

**}**

**console.log(sum);**

**------------------------------------------------------------------------------------------------**

**8. Write a code to add the even numbers and subract the odd numbers**

**Output: 94**

var numsArr = [ 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11];

var sum=100;

for (var i = 0; i <=10; i++) {

if(numsArr[i]%2!=0);

{

sum += numsArr[i]

}

else

{

sum -= numsArr[i]

}

}

console.log(sum);

**Ans:**

**var numsArr = [ 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11];**

**var sum = 100;**

**for (var i = 0; i < 11; i++) {**

**if(numsArr[i] % 2 == 0)**

**{**

**sum += numsArr[i];**

**}**

**else**

**{**

**sum -= numsArr[i];**

**}**

**}**

**console.log(sum);**

**------------------------------------------------------------------------------------------------**

**9. Write a code to print inner arrays**

**Output:**

**Array(5) [ 1, 2, 3, 4, 5 ]**

**Array(6) [ 6, 7, 8, 9, 10, 11 ]**

var numsArr = [[1, 2, 3, 4, 5][ 6, 7, 8, 9, 10, 11]];

for (var i = 0; i < numsArr.length; i++); {

console.log( numsArr[i])

}

**Ans:**

**var numsArr = [[1, 2, 3, 4, 5],[ 6, 7, 8, 9, 10, 11]];**

**for(var i = 0; i < numsArr.length; i++){**

**console.log(numsArr[i]);**

**}**

**------------------------------------------------------------------------------------------------**

**10. Write a code to print elements in the inner arrays**

**Output: 1234567891011**

var numsArr = [[1, 2, 3, 4, 5],[ 6, 7, 8, 9, 10, 11]];

var str\_all=0;

for (var i = 0; i < numsArr.length; i++) {

var inner\_array = numsArr[i];

for(var j = 0 ; j < inner\_array.length;i++ )

str\_all +=inner\_array[j]

}

console.log(str\_all);

**Ans:**

**var numsArr = [[1, 2, 3, 4, 5],[ 6, 7, 8, 9, 10, 11]];**

**var str\_all = "";**

**for (var i = 0; i < numsArr.length; i++) {**

**var inner\_array = numsArr[i];**

**for(var j = 0 ; j < inner\_array.length;j++ )**

**str\_all+=inner\_array[j]**

**}**

**console.log(str\_all)**

**------------------------------------------------------------------------------------------------**

**11. Write a code to replace the array value — If the index is even, replace it with ‘even’.**

**Output: [ [“even”, 2, “even”, 4, “even”], [6, “even”, 8, “even”, 10, …] ]**

var numsArr = [[1, 2, 3, 4, 5],[ 6, 7, 8, 9, 10, 11]];

var str\_all=0;

for (var i = 0; i < numsArr.length; i++) {

var inner\_array = numsArr[i];

for(var j = 0 ; j < inner\_array.length;i++ )

if(numsArr[i] %2 == 0 )

{

numsArr[i] = even

}

}

console.log(numsArr);

**Ans:**

**var numsArr = [[1, 2, 3, 4, 5],[ 6, 7, 8, 9, 10, 11]];**

**var str\_all=0;**

**for (var i = 0; i < numsArr.length; i++)**

**{**

**var inner\_array = numsArr[i];**

**for(var j = 0 ; j < inner\_array.length; j++ ){**

**if(inner\_array[j] %2 == 0 )**

**{**

**numsArr[i][j] = "even";**

**}**

**}**

**}**

**console.log(numsArr);**

**------------------------------------------------------------------------------------------------**

**12. Write a code to print elements in the inner arrays in reverse**

**Output: 11 10 9 8 7 6 5 4 3 2 1**

var numsArr = [[1, 2, 3, 4, 5],[ 6, 7, 8, 9, 10, 11]];

var str\_all=0;

for (var i = 0; i < numsArr.length; i++) {

var inner\_array = numsArr[i];

for(var j = inner\_array.length; j < 0 ;j-- )

str\_all +=inner\_array[j]

}

console.log(str\_all);

**Ans:**

**var numsArr = [[1, 2, 3, 4, 5],[ 6, 7, 8, 9, 10, 11]];**

**var str\_all= [];**

**for (var i = 0; i < numsArr.length; i++) {**

**var inner\_array = numsArr[i];**

**for(k = 0; k < inner\_array.length; k++){**

**str\_all.push(inner\_array[k]);**

**}**

**}**

**for(j = str\_all.length-1; j >= 0; j--){**

**console.log(str\_all[j])**

**}**

**------------------------------------------------------------------------------------------------**

**13. Write a code to add elements in the inner arrays based on odd or even values**

**Output:**

**36**

**30**

var numsArr = [[1, 2, 3, 4, 5],[ 6, 7, 8, 9, 10, 11]];

var sum\_odd=0;

var sum\_even=0;

for (var i = 0; i < numsArr.length; i++) {

var inner\_array = numsArr[i];

for(var j = 0 ; j < inner\_array.length;j++ ){

if(numsArr[i]%2!=0)

{

sum\_odd += numsArr[i]

}

else

{

sum\_even += numsArr[i]

}

}

}

console.log(sum\_odd);

console.log(sum\_even);

**Ans:**

**var numsArr = [[1, 2, 3, 4, 5],[ 6, 7, 8, 9, 10, 11]];**

**var sum\_odd=0;**

**var sum\_even=0;**

**for (var i = 0; i < numsArr.length; i++) {**

**var inner\_array = numsArr[i];**

**for(var j = 0 ; j < inner\_array.length;j++ ){**

**if(numsArr[i][j]%2!=0)**

**sum\_odd += numsArr[i][j];**

**else**

**sum\_even += numsArr[i][j];**

**}**

**}**

**console.log(sum\_odd);**

**console.log(sum\_even);**

**------------------------------------------------------------------------------------------------**