// Write a program to find the sum of all even numbers in an array using a for loop.

//   Example: let arr = [1, 2, 3, 4, 5, 6];

let arr=[1,2,3,4,5,6];

let sum=0;

for(i=1;i<=6;i++)

    {

        if(arr[i]%2==0)

            {

                sum=sum+arr[i];

            }

    }

console.log("even no:",sum);

**Output:- 12**

// 2.Use a do-while loop to print the numbers from 1 to 10, but only if

// the number is not equal to 5.

// Example: let num = 1;

// Test Case: printNumbers()

function primenum(){

let num=1;

do{

    if(num!=5){

        console.log(num);

    }

    num++;

}

while(num<=10);

}

primenum();

**Output:- 1**

**2**

**3**

**4**

**6**

**7**

**8**

**9**

**10**

// 6.

// \*

// \*\*

// \*

// \*\*

// \*\*\*

function printPattern() {

    let pattern = [1, 2, 1, 2, 3];

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

      let stars = '';

      for (let j = 0; j < pattern[i]; j++) {

        stars += '\*';

      }

      console.log(stars);

    }

  }

  printPattern();

**Output:-**

**\***

**\*\***

**\***

**\*\***

**\*\*\***