//

//Q1.a

//Anonymous Way Of representation of function

(function(array){

    for(var i=0; i<array.length;i++){

        if((array[i]%2)!=0){

            console.log(array[i]);

        }

    }

}([1,2,3,4,5,6,7,8,9,10]));

Output:

PS C:\Users\TANMAY\Desktop\Guvi> node index1.js

1

3

5

7

9

//IIFE Function

((array)=>{

    for(var i=0; i<array.length;i++){

        if((array[i]%2)!=0){

            console.log(array[i]);

    }

}

})([1,2,3,4,5,6,7,8,9,10]);

PS C:\Users\TANMAY\Desktop\Guvi> node index1.js

1

3

5

7

9

b]

//Anonymous Way Of representation of function

function titleCase(string) {

    var sentence = string.toLowerCase().split(" ");

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

    sentence[i] = sentence[i][0].toUpperCase() + sentence[i].slice(1);

    }

console.log (sentence.join(" "));

    }

    titleCase("The sky is blue");

output: PS C:\Users\TANMAY\Desktop\Guvi> node Jsty.js

The Sky Is Blue

//IIFE Function

((string)=>{

    var sentence = string.toLowerCase().split(" ");

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

    sentence[i] = sentence[i][0].toUpperCase() + sentence[i].slice(1);

    }

    console.log(sentence.join(" "));

})("The sky is blue");

Output: PS C:\Users\TANMAY\Desktop\Guvi> node index1.js

The Sky Is Blue

C]

//Anonymous Way Of representation of function

(function(array){

    let sum=0;

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

        sum+=array[i];

    }

    console.log(sum);

}([1,2,3,4,5,6,7,8,9,10]));

Output:

PS C:\Users\TANMAY\Desktop\Guvi> node Jsty.js

55

E]

//IIFE Function

((array)=>{

    let sum=0;

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

        sum+=array[i];

    }

    console.log(sum);

})([1,2,3,4,5,6,7,8,9,10]);

Output: PS C:\Users\TANMAY\Desktop\Guvi> node index1.js

55

//Anonymous Way Of representation of function

(function(string){

     // get the total length of the words

     const len = string.length;

     // Use for loop to divide the words into 2 half

     for (let i = 0; i < len / 2; i++) {

         // validate the first and last characters are same

         if (string[i] !== string[len - 1 - i]) {

             console.log( 'It is not a palindrome');

         }

         else{

            console.log( 'It is a palindrome');

         }

     }

    //  console.log( 'It is a palindrome');

}("lml"));

Output: PS C:\Users\TANMAY\Desktop\Guvi> node Jsty.js

It is a palindrome

//IIFE Function

((string)=>{

    // get the total length of the words

    const len = string.length;

    // Use for loop to divide the words into 2 half

    for (let i = 0; i < len / 2; i++) {

        // validate the first and last characters are same

        if (string[i] !== string[len - 1 - i]) {

            console.log( "It is not a palindrome");

        }

        else{

           console.log( "It is a palindrome");

        }

    }

   //  console.log( 'It is a palindrome');

})("aba");

Output: PS C:\Users\TANMAY\Desktop\Guvi> node index1.js

It is a palindrome