//Take an array of size 10. Calculate sum of all array elements using tail recursion.

function addElement(arr,i)

{

    let l=arr.length;

    if(i==l)

    return null;

    return arr[i]+addElement(arr,i+1);

}

const array=[1,2,3,4,5,6,7,8,9,10];

console.log(addElement(array,0));

// Write a function that takes a string and returns if string is a palindrome.

function isPalindrome(str)

{

    l=str.length;

    if(l==0)

    return 'It is a palindrome';

   if(str[0]!=str[l-1])

   return 'It is not a palindrome';

    if(str[0]==str[l-1])

    {

           return isPalindrome(str.slice(1,l-1));

}

 }

console.log(isPalindrome('malayalem'));