14-06-24

// pattern of star

for(a=1;a<=5;a++){

  star=''

  for(b=1;b<=a;b++){

     star+="\*"

  }

  console.log(star);

}

// length of string without using .length method

let str ="manikanta"

count=0;

for(i in str){

  count++;

}

console.log(count);

// sum of all even numbers in given array

let arr = [1,2,3,4,5,6,7,8]

let even = 0;

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

    if(arr[i]%2==0){

        even+=arr[i]

    }

}

console.log(even);

// using do-while loop skipping number'5'

let num = 1

do{

    if(num!==5){

        console.log(num);

    }

    num++;

}while(num<=10)

// skipping even number

let num = 10

do{

    if(num%2==0){

        console.log("skipping even number");

    }

    else{

        console.log(num);

    }

    num--

}while(num>=1)

// printing average of array

let arr = [123,23,36,47,58,69]

let sum = 0;

let count = 0;

while (count<arr.length) {

    sum+=arr[count]

    count++

}

let average = sum / arr.length;

console.log(average);

if(average>50){

    console.log("average is greater than 50");

}

// palindrome

function palindrome(str) {

    var s = ""

    for(i=0;i<str.length;i++){

        str[i]+=s

    }

    if(s==str){

        console.log("palindrome");

    }

    else{

        console.log("not a palindrome");

    }

}palindrome("father")