Assignment 2

Q.1 Average of five numbers

function average(x1,x2,x3,x4,x5)

{

 let result=((x1+x2+x3+x4+x5)/5)

 return result

}

average(10,20,30,40,50)

console.log(average(10,20,30,40,50));

output:30

Q.2 Sum of five numbers

function add(x1,x2,x3,x4,x5)

{

    let result=x1+x2+x3+x4+x5

    return result

}

add(10,20,30,40,50)

console.log(add(10,20,30,40,50));

Q.3 Program for two strings

let fname="Bhakti"

console.log(fname);

let lname="Kulkarni"

console.log(lname);

console.log(fname+lname);

output: BhaktiKulkarni

Q.4 function that accepts interest,principle,tenure and calculates EMIS

function emi(p,r,t)

{

    let emi;

    r=r/(12\*100);

    t=t\*12;

    emi=(p\*r\*Math.pow(1+r,t))/(Math.pow(1+r,t)-1);

    return emi

}

emi(10000,9,3)

console.log(emi(10000,9,3));

output:317.9973265994047

Q.5 Even numbers from 0 to 100

for(let i=0;i<=100;i=i+2)

{

console.log(i);

}

Output:0,2,4,8…….98,100

Q.6 Odd numbers from 0 to 100

for(let i=1;i<=100;i=i+2)

{

 console.log(i);

}

Output:1,3,5……97,99

Q.7 create an array of length 5and store numbers 1,11,111,222,555. Also write program to calculate average of numbers.

let arr=[1,11,111,222,555]

console.log(arr);

console.log(arr.length);

output:

[1,11,111,222,555]

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Q.8 Program for objects

let  student=

{

  name:"bhakti",

  college:" WDN college",

  location:"Sangli",

  pincode:416416,

  teacher:

  {

    name:"Prachi",

    phone:987456321,

    subject:"computer",

  }

}

console.log(student.name);

console.log(student.teacher.name);

output:

bhakti

Prachi