**Algoritmos III**

1.- function a(x,y){

return 5;

}

console.log(a(5,5)) **// =5**

 function a(x,y){ // x=5, y=5

     return;

 }

console.log (a(5,5));// console.log (5)=5

**2.-**function a(x,y){

z = []

z.push(x);

z.push(y);

z.push(5);

console.log(z);

return z;

}

b = a(2,2)

console.log(b);

console.log(a(6,8));

function a(x,y){// x=2, y=2 / x=6,y=8

    z = []//z=[2,2,5]/ Z=[6,8,5]

    z.push(x);// agrega elemento

    z.push(y);

    z.push(5);

    console.log(z);//[2,2,5], [6,8,5]

    return z;

}

b = a(2,2)// b= [2,2,5]

console.log(b);// console.log ([2,2,5]); ([2,2,5])

console.log(a(6,8));// console.log ([6,8,5,]) ; (6,8,5);

**3.-** function a(x){ **// x=2**

z = []; **// z=[2,2]**

z.push(x);

z.pop();

z.push(x);

z.push(x);

return z;

}

y = a(2); **// y=[2,2]**

y.push(5); **// y=[2,2,5]**

console.log(y); **//** **[2,2,5]**

function a(x){//x=2

   z = [];// z=[2,2]

   z.push(x);

   z.pop();

   z.push(x);

   z.push(x);

   return z;// [2,2]

}

y = a(2);// y=[2,2]

y.push(5);// y=[2,2,5]

console.log(y);//[2,2,5]

**4.-** function a(x){

if(x[0] < x[1]) {

return true;

}

else {

return false;

}

}

b = a([2,3,4,5])

console.log(b); // **true**

function a(x){

   if(x[0] < x[1]) {

      return true;

   }

   else {

      return false;

   }

}

b = a([2,3,4,5])

console.log(b); // true

**5.-** function a(x){

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

if(x[i] > 0){

x[i] = “Coding”;

}

    }

    return x;

}

console.log(a([1,2,3,4]))

function a(x){

    for(var i=0; i<x.length; i++){

      if(x[i] > 0){

           x[i] = "Coding";

      }

    }

    return x;

}

console.log(a([1,2,3,4]))// "coding", "coding","coding","coding"

**6.-** function a(x){

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

if(x[i] > 5){

x[i] = “Coding”;

}

else if(x[i] < 0){

x[i] = “Dojo”;

}

    }

    return x;

}

console.log(a([5,7,-1,4]))

function a(x){// [5,7,-1,4]

    for(var i=0; i<x.length; i++){

      if(x[i] > 5){

           x[i] = "Coding";

      }

      else if(x[i] < 0){

           x[i] = "Dojo";

      }

    }

    return x;//[5,"coding";"dojo";4]

}

console.log(a([5,7,-1,4]))//[5,"coding";"dojo";4]