**Limitation of the following is code , only work for two arguments**

function add(x,y){

console.log("X is "+x+" and Y is "+y);

console.log(x+y);

}

**Enhance Version is can take any arguments**

function add(){

var sum = 0;

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

sum = sum + arguments[i];

}

console.log("Sum is ",sum);

}

**Function Pass as Arguments**

function show(x,y){

console.log("X is "+x);

console.log("Y is "+y);

if(typeof x ==="function"){

x= x();

}

if(typeof y ==="function"){

y = y();

}

console.log(x+y);

}

**Function Pass as Argument but Arguments are Dynamic**

function add(){

var sum = 0;

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

if(typeof arguments[i]==="function"){

sum = sum + arguments[i]();

}

else

sum = sum + arguments[i];

}

console.log("Sum is ",sum);

}

**Function Pass as Array and Array is Array**

function add(){

var sum = 0;

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

if(typeof arguments[i]==="function"){

sum = sum + arguments[i]();

}

if(typeof arguments[i]==="object"){

if(arguments[i] instanceof Array){

var arr = arguments[i];

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

if(typeof arr[j]==="function"){

sum = sum + arr[j]();

}

else{

sum = sum + arr[j];

}

}

}

}

else

sum = sum + arguments[i];

}

console.log("Sum is ",sum);

}