1. function print255(a,b){

arrnew = [];

for(var i = a; i <= b; i++){

arrnew.push(i)

}

return arrnew

}

console.log(print255(1,255));

2. function getEven1000(){

var sum = 0

for(var i = 1; i <= 1000; i++)

if(i % 2 === 0){

sum = sum + i;

}

return sum

}

console.log(getEven1000())

3. function SumOdd5000(){

var sum = 0

for(var i = 1; i <= 5000; i++)

if(i % 2 !== 0){

sum = sum + i;

}

return sum

}

console.log(SumOdd5000())

4. function Iterate(arr){

var sum = 0

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

sum += arr[i]

}

return sum

}

console.log(Iterate([1,2,5]))

5. function findMax(arr){

var max = 0

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

if(arr[i] > max){

max = arr[i]

}

}

return max

}

console.log(findMax([-3,3,8,7]))

6. function findAvg(arr){

var sum = 0

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

sum += arr[i]

}

var avg = sum / arr.length;

return avg

}

console.log(findAvg([1,3,5,7,20]))

7. function arrayOdd(a,b){

var arrnew = []

for(var i = a; i <= b; i++){

if(i % 2 !== 0){

arrnew.push(i)

}

}

return arrnew

}

console.log(arrayOdd(1,50))

8. function GreaterThanY(arr,y){

var sum = 0

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

if(arr[i] > y){

sum += 1

}

}

return sum

}

console.log(GreaterThanY([1, 3, 5, 7], 3))

9. function returnSquare(arr){

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

arr[i] = arr[i] \* arr[i];

}

return arr

}

console.log(returnSquare([1,5,10,-2]))

10. function replaceNegatives(arr){

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

if(arr[i] < 0){

arr[i] = 0;

}

}

return arr

}

console.log(replaceNegatives([1,5,10,-2]))

11. function returnMaxMinAvg(arr){

var max = arr[0]

var min = arr[0]

var sum = 0

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

if(arr[i] < min){

min = arr[i];

}

if(arr[i] > max){

max = arr[i];

}

sum += arr[i]

}

var avg = sum / arr.length

return [max,min,avg]

}

console.log(returnMaxMinAvg([1,5,10,-2]))

12. function swapValues(arr)

function swapValues(arr){

temp = arr[0]

arr[0] = arr[arr.length - 1]

arr[arr.length-1] = temp

return arr

}

console.log(swapValues([1,5,10,-2]))

13. function numbertoString(arr){

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

if(arr[i] < 0){

arr[i] = 'Dojo';

}

}

return arr

}

console.log(numbertoString([-1,-3,2]))