var loveScore=Math.random();

loveScore = Math.floor(loveScore\*100)+1;

alert(loveScore);

if(loveScore>70){

alert("Your love is excellent!");

}

else if(loveScore<70 && loveScore>40){

alert("Your love score is good.");

}

else{

alert("Your love score is okay.")

}

function isLeap(year) {

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*Don't change the code above\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

//Write your code here.

var quo4=year%4;

var quo100=year%100;

var quo400=year%400;

if(quo4===0||quo100===0){

console.log("Leap year.")

}else{

console.log("Not leap year.");

}

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*Don't change the code below\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

}

function isLeapYear(year){

if(year%4===0){

if(year%100===0){

if(year%400===0){

return("Leap year.");

}else{

return("Not leap year.");

}

}else{

return("Leap year.")

}

}else{

return("Not leap year.");

}

}

isLeapYear(2004);

var guestList=["anil", "manju", "anju", "jas", "agom", "tika"];

console.log(guestList[2]);

var guestName=prompt("Enter the guest name");

if(guestList.includes(guestName)){

alert("Welcome");

}else{

alert("You are not in the list.");

}

FizzBuzz

var output=[];

var count=1;

function fizzbuzz(){

if(count%3===0){

output.push("fizz");

}else if(count%5===0){

output.push("buzz");

}else if(count%3===0&&count%5===0){

output.push("fizzbuzz");

}else{

output.push(count);

}

console.log(output);

count++;

}

fizzbuzz();

var names=["Angela", "Amol", "Anul", "Manju", "Jas"]

function whosPaying(names){

var numOfPeople=names.length;

console.log(numOfPeople);

var randomNum=Math.floor(Math.random()\*numOfPeople);

console.log(randomNum);

var nameOfPerson=names[randomNum];

console.log(nameOfPerson);

return nameOfPerson + " is going to buy lunch today!"

}

whosPaying(names);

var output=[];

function fibunaciGenerator(n){

if(n===1){

output=[0];

}else if(n===2){

output=[0,1];

}else{

output=[0,1]

for(var i=2; i<n; i++)

output.push(output[output.length-2]+output[output.length-1]);

}

return output;

}

fibunaciGenerator(19);