

1. Create a script that prompts the visitor to enter two numbers and then shows their sum.

```
let num1 = prompt("Dame un numero: ");
let num2 = prompt("Dame otro numero: ");

let suma = parseInt(num1) + parseInt(num2);

console.log(`La suma de los numeros es: ${suma}`);
```

2. According to the documentation `Math.round` and `toFixed` both round to the nearest number: 0..4 lead down while 5..9 lead up. For instance
`alert(1.35.toFixed(1)); // 1.4`

In the similar example below, why is 6.35 rounded to 6.3, not 6.4? How to round 6.35 the right way?

`Alert(6.35.toFixed(1)); // 6.3`

```
let redondeado = Math.round(6.35 * 10) / 10;
alert(rounded.toFixed(1)); // 6.4
```

3. Create a function `readNumber` which prompts for a number until the visitor enters a valid numeric value. The resulting value must be returned as a number. The visitor can also stop the process by entering an empty line or pressing "CANCEL". In that case, the function should return null.

```
function readNumber() {

    while(true) {

        let number = prompt("Dame un numero: ");

        if(number === null || number === "") {
            return null;
        } else if (isNaN(number)) {
            alert("Introduce el numero de nuevo");
        } else {
            return number;
        }
    }
}

console.log(readNumber());
```

4. This loop is infinite. It never ends. Why?

```
let i = 0;
while (i != 10) {
  i += 0.2;
}
```

Porque la i nunca va a ser igual a 10 ya que tiene valores decimales

5. The built-in function `Math.random()` creates a random value from 0 to 1 (not including 1). Write the function `random(min, max)` to generate a random floating-point number from min to max (not including max)

```
function random(min, max) {
  return Math.random() * (max - min) + min;
}

let numeroRandom = random(5,10);
console.log(numeroRandom);
```

6. Create a function `randomInteger(min, max)` that generates a random integer number from min to max including both min and max as possible values. Any number from the interval min..max must appear with the same probability.

```
function randomInteger(min, max) {
  return parseInt(Math.random() * ((max + 1) - min) + min);
}

let numeroRandom = random(1,3);
console.log(numeroRandom);
```