// find the length of a string without using method.

let str = "Hello, World!";

let length = 0;

while (true) {

    if (str[length] === undefined) {

        break;

    }

    length++;

}

console.log("Length of the string is:", length);

Output:-13

// 1)iterabe object values through for in loop

const obj = { a: 1, b: 2, c: 3 };

for(const key in obj){

    console.log(obj[key]);

}

Output:1

2

3

//2) iterabe object keys  through for in loop

const obj={a: 1, b: 2, c: 3};

for(const key in obj){

    console.log(key);

}

Output: a

b

c

3)iterate object values and keys using entries , keys and values methods

    // object entrries - keys and values

    const obj={a: 1, b: 2, c: 3};

    for(const [key,value]of Object.entries(obj));

{

    console.log('key:${key},value:${value}');

}

Output:

a

b

c

    // object keys - keys and values

const obj={a:1,b:2,c:3};

for(const key of Object.key(obj)){

    console.log("key:${key},value:${obj[key]}");

}

Output:

key:${key},value:${obj[key]}

key:${key},value:${obj[key]}

key:${key},value:${obj[key]}

// /object values - we can get only values

const obj={a:1,b:2,c:3};

for(const value of Object.values(obj)){

    console.log(value);

}

Output:

1

2

3