function fibonacci(n) {

if (n <= 0) {

return [];

} else if (n === 1) {

return [0];

} else if (n === 2) {

return [0, 1];

} else {

var fibSequence = [0, 1];

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

fibSequence.push(fibSequence[i - 1] + fibSequence[i - 2]);

}

return fibSequence;

}

}

var n = 10;

var sequence = fibonacci(n);

console.log("Sequência de Fibonacci com", n, "termos:", sequence);