CONDITIONAL STATEMENTS(13-06-24)

// 1. What will be the output of this code:

if (5 > 10) {

   console.log('5 is greater than 10');

 } else {

   console.log('5 is less than or equal to 10');

 }

 //output: 5 is less than or equal to 10

// // 1. What will be the output of this code:

 if (NaN === NaN) {

   console.log('NaN is equal to NaN');

 } else {

   console.log('NaN is not equal to NaN');

 }

 //output: NaN is not equal to NaN

// // 1. What will be the output of this code:

 if (!null) {

   console.log('null is truthy');

 } else {

   console.log('null is falsy');

 }

 //output:null is truthy

// // 1. What will be the output of this code:

 if (0 === '') {

   console.log('0 is equal to empty string');

 } else {

   console.log('0 is not equal to empty string');

 }

//output: 0 is not equal to empty string

// // 1. What will be the output of this code:

 if (true && false) {

   console.log('true and false is true');

 } else {

   console.log('true and false is false');

 }

 //output: true and false is false

// // 1. What will be the output of this code:

 if (false || true) {

   console.log('false or true is true');

 } else {

   console.log('false or true is false');

 }

 //output: false or true is true

// // 7. What will be the output of this code:

 if (!false && true) {

   console.log('not false and true is true');

 } else {

   console.log('not false and true is false');

 }

 //output: not false and true is true

// // 1. What will be the output of this code:

 if (5 === '5') {

   console.log('5 is equal to string 5');

 } else {

   console.log('5 is not equal to string 5');

 }

 //output: 5 is not equal to string 5

// // 1. What will be the output of this code:

 if (undefined == null) {

   console.log('undefined is equal to null');

 } else {

   console.log('undefined is not equal to null');

 }

 //output:undefined is equal to null

// // 1. What will be the output of this code:

 if (typeof [] === 'object') {

   console.log('Array is an object');

 } else {

   console.log('Array is not an object');

 }

 //output:Array is an object

// For Loops:

// 1. What will be the output of this code:

 for (var i = 0; i < 5; i++) {

   console.log(i);

 }

 //output:0 1 2 3 4

// 1. What will be the output of this code:

 for (var i = 0; i < 5; i += 2) {

   console.log(i);

 }

 //output:0 2 4

// 1. What will be the output of this code:

 for (var i = 5; i >= 0; i--) {

   console.log(i);

 }

 //output:5 4 3 2 1 0

// 1. What will be the output of this code:

 for (var i = 0; i < 5; i += 3) {

   console.log(i);

 }

 //output:0 3

// 1. What will be the output of this code:

 for (var i = 0; i > 5; i++) {

   console.log(i);

 }

 //output: condition false

// 1. What will be the output of this code:

for (var i = 5; i <= 0; i--) {

  console.log(i);

}

//output: condition false

// 1. What will be the output of this code:

 for (var i = 0; i < 10; i += 4) {

   console.log(i);

 }

 //output:0 4 8

// 1. What will be the output of this code:

 for (var i = 0; i < 5; i++) {

   if (i === 3) break;

   console.log(i);

 }

 //output:0 1 2

// 1. What will be the output of this code:

 for (var i = 0; i < 5; i++) {

 if (i === 2) continue;

 console.log(i);

  }

  //output:0 1 3 4

// 1. What will be the output of this code:

 for (var i = 0; i < 5; i++) {

   if (i === 1) return;

   console.log(i);

 }

 //output:0