2/10/2021  
W1D2 Data Types and Operators

Answer

1. What will be the output of running following code?

the following questions in a word document based on your reading assignment

console.log(Number(null)) ; 🡪 0

console.log(Number(undefined)); 🡪 NaN

console.log(Boolean(“0”); 🡪 true

console.log(Boolean(“ ”); 🡪 false

2. What will be the output of running following code?

let a = b = 2;

let c = 3 - (a + b + 1);

console.log(a--); 🡪 2

console.log(++c); 🡪 -1

console.log(a); 🡪 1

console.log(c); 🡪 -1

3. What is the significance of + operator before prompt function in following code?

let a = +prompt("First number?");

Ans-> When the value in entered, prompt will accept the value as string and + operator before prompt will convert the string data type to Number data type.

4. What is the use of !! and ?? operators in JavaScript? Explain with an example of each.

Ans : ?? is a logical operator known is nullish coalescing operator. It returns its right – hand side operand when its left-hand side operand is null or undefined, and otherwise return its left hand side operand.

e.g.

const x = null ?? “value”;

console.log(x) // output : value.

e.g.

const y = 22 ?? 55;

console.log(y) // output: 55

5. Which of the following statements is true?

In computer programming, a statement can be part of an expression.

False

In computer programming, an expression can be a part of a statement.

True