**Assignment W1D2**

1. What will be the output?

**Output**

**0**

**NaN**

**True**

**True**

1. What will be the output?

**Output**

**2**

**-1**

**1**

**-1**

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

**The effect/significance of + in front of prompt is that the result of prompt command will be cast to a number. As we know the input is always string in JavaScript, but + convert to a number.**

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

**?? is logical operator that returns its right-hand side operand when its left-hand side operand is null or undefined, and otherwise returns its left-hand side operand. E.g., let pass = null?? 60; return 60.** **Using the OR (||) operator, you can run into troubles with falsie values like 0 and empty strings. e.g., 0||60, returns 60.**

**5.** Which of the following statements is true? In computer programming,

a. statement can be part of an expression.

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

**Ans: chose b is true for example in a statement c=x+y, x+y is expression which is the part of the statement.**