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**COM301**

**HW1D2**

**Q1-** What will be the output of running following code?

**Ans-**

console.log (Number(null)); - // 0.

console.log (Number(undefined)); - // NaN.

console.log (Boolean ("0")); - //true.

console.log (Boolean (" ")); - //true.

**Q2-** What will be the output of running following code?

**Ans-**

let a = b = 2;

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

console.log(a--); - //2

console.log(++c); - // -1

console.log(a); - //2

console.log(c); - //-2

**Q3-** What is the significance of + operator before prompt function in following code?

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

**Ans-** Ensure that the entry is registered as “Number”

**Q4-** What is the use of !! and ?? operators in JavaScript? Explain with an example of each.

The ?? is used to return the first assigned variable and !! is used to return the inverse of a Boolean.

??- let name = “Mane”;

console.log(name ?? “Roger” ); //returns “Mane” because it is a the first assigned variable

!!- console.log(!! Null) //returns **false**

**Q5-** Which of the following statements is true?

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

**---- True**

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**---- True**