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

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

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?");

The + operator before prompt is changes the string value into number

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

! operators or negation used in false method that when we used two of them gives us two times negating the Boolean value. For example, if we print out the value for !!false= false or !!true= true.

?? operator is logical operator that return the right hand side value when ever the leftside value assigned null or undefined.

For example,

let x=null?? "the new output is me" ;

console.log(x) // the out put is ‘the new output is me’

5. Which of the following statements is true?

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

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