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

console.log(Number(null)); // 0 (null is false value that is equal to zero)

console.log(Number(undefined)); // NaN(not a number)

console.log(Boolean("0")); //True(any non false boolen gives true)

console.log(Boolean(" ")) // True (space is not empty is considered like one character which is not false value in case of Boolean so gives us true.

1. 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 significant of + operator before prompt is changes the string value into number and keep the number as it is. It is similar with parseFloot() function

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

Negation operter (!)to show it is false if we make two times any variable it gives that variable

!!false=false;

!!true=true;

?? operator is used the first defined value;

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;