Javascript Essentials | Jan 2021 B1

**Question 1**

**What will the code below output to the console and why ?**

**console.log(1 + "2" + "2");**

**Ans :** 122

console.log(1 + +"2" + "2");

**Ans :** 32

console.log(1 + -"1" + "2");

**Ans :** 02

console.log(+"1" + "1" + "2");

**Ans :** 112

console.log( "A" - "B" + "2");

**Ans :** NaN2

console.log( "A" - "B" + 2);

**Ans :** NaN

**Question 2**

**You are given a variable “marks”. Your task is to print:**

**- AA if the mark is greater than 90**

**- AB if the mark is greater than 80 and less than or equal to 90**

**- BB if the mark is greater than 70and less than or equal to 80**

**- BC if the mark is greater than 60 and less than or equal to 70**

**- CC if the mark is greater than 50 and less than or equal to 60**

**- CD if the mark is greater than 40 and less than or equal to 50**

**- DD if the mark is greater than 30 and less than or equal to 40**

**- FF if the mark is less than or equal to 30**

**Ans :**

**Code :**

var marks = 91

        if (marks > 90) {

            console.log("AA");

        } else if (marks > 80 && marks <= 90) {

            console.log("AB");

        } else if (marks > 70 && marks <= 80) {

            console.log("BB");

        } else if (marks > 60 && marks <= 70) {

            console.log("BC");

        } else if (marks > 50 && marks <= 60) {

            console.log("CC");

        } else if (marks > 40 && marks <= 50) {

            console.log("CD");

        } else if (marks > 30 && marks <= 40) {

            console.log("DD");

        } else {

            console.log("FF");

        }