

Let's Upgrade Javascript Essentials

Assignment -01(Day-02)

Q.1 What will the code below output to the console and why ?

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

OUTPUT: 122 Taking all elements as a string console.log(1 + "2" + "2");

OUTPUT: 32

ADDING 1+2=3 AND NEXT 2 IS TAKEN AS STRING SO 3+"2"=32

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

Output: 02 1-1=0 is taken as string and 2 is taken as string "0"+"2"=02

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

Output: 112 all elements are taken as string

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

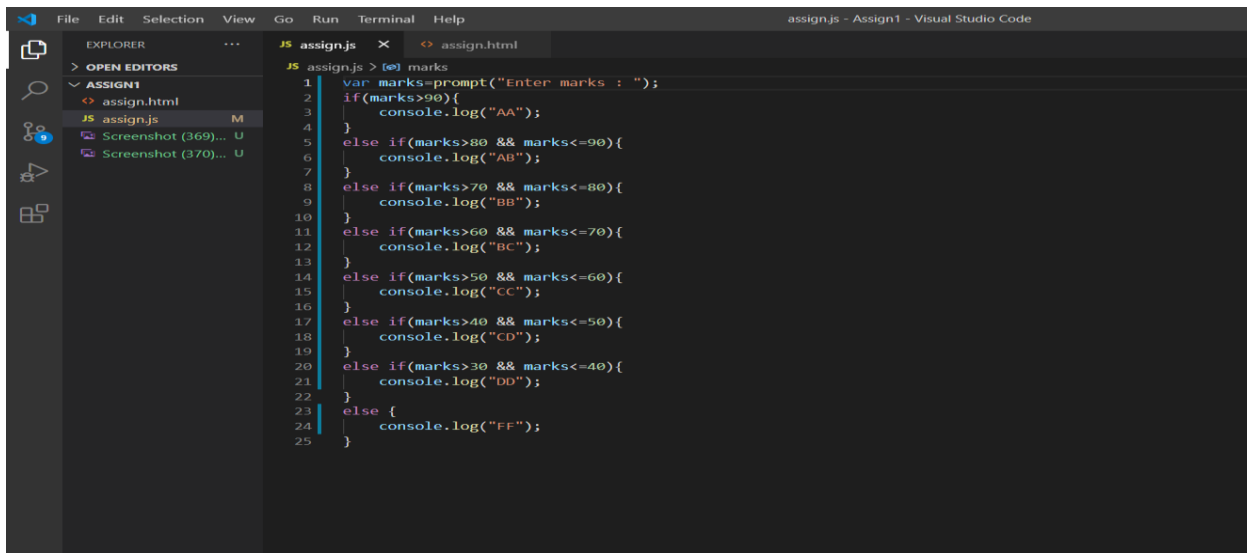
Output: NaN2 difference of any two characters show NaN which implies "Not A Number", and "2" is taken as string so NaN2 console.log("A" - "B" + 2);

Output: Difference of any two characters show NaN which implies "Not A Number" but 2 is not taken as string.

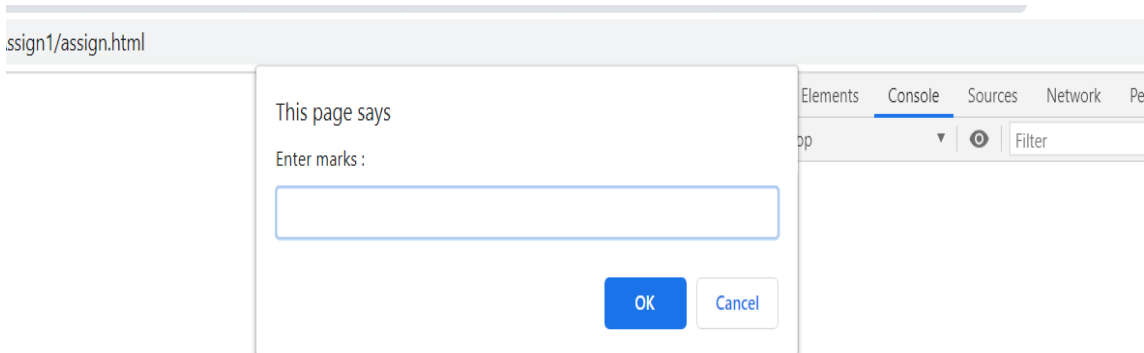
Question 2

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 70 and 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.*



```
1 var marks=prompt("Enter marks : ");
2 if(marks>90){
3     console.log("AA");
4 }
5 else if(marks>80 && marks<=90){
6     console.log("AB");
7 }
8 else if(marks>70 && marks<=80){
9     console.log("BB");
10 }
11 else if(marks>60 && marks<=70){
12     console.log("BC");
13 }
14 else if(marks>50 && marks<=60){
15     console.log("CC");
16 }
17 else if(marks>40 && marks<=50){
18     console.log("CD");
19 }
20 else if(marks>30 && marks<=40){
21     console.log("DD");
22 }
23 else {
24     console.log("FF");
25 }
```



Elements

Console

Sources

Network

Performance

Memory

»

top

Filter

Default levels

CC

assign.js:15

>