JA111 C1 Evaluation

Note
There are a total of 4 questions.
All the questions are compulsory.
Duration of the test is **1.5 hours.**
Mode of Submission: Github Link
Don't seek help from any person/resource during the test.
Marks Distribution is as follows:

Question	Marks
1	2
2	3
3	2
4	3

Q1) Explain why Java is platform independent ?

Q2) Create a class Main which has the method

    static printMonths(String month) : void

Implement this method in the following manner-
- If month = JAN then print "This is the 1st Month of the Year January"
- If month = FEB then print "This is the 2nd Month of the Year February"
  as it is till Month DEC

Note: Use Switch case

Inside the main method of the Main class, call the above printMonth() method by passing the proper argument.

Q3) Change this block of code according to the given instruction and explain the output?

```
public class Demo {

    public static void main(String[] args) {
        int a = 64;
        int b = 70;

        byte c = a+b;//typecast (a+b) to byte
        System.out.println(c){
    }

}
```

Note: You need to typecast (a+b) to byte

Q4) Write a Java class with a static method that will take 5 positive numbers as a parameter which will represent: 1s, 2s, 3s, fours and sixes scored by the batsman.

- implement the static runScored method to compute the total run scored by that batsman.
- Call this method from the main method of that class and print the result.

```java
public class Main {

    public static void runScored(int one, int two, int three, int four ,int six) {

        // write your logic here

    }

    public static void main(String[] args){

        //call runScored with valid parameters

    }

}
```