

Chapter 4 - Practice Set

1 What will be the output of this program:

```
int a = 10;  
if (a == 11)  
    System.out.println("I am 11");  
else  
    System.out.println("I am not 11")
```

2 Write a program to find out whether a student is pass or fail; if it requires total 40% and at least 33% in each subject to pass. Assume 3 subjects and take marks as an input from the user.

3 Calculate income tax paid by an employee to the government as per the slabs mentioned below:

Income Slab	Tax
2.5L - 5.0L	5%
5.0L - 10.0L	20%
Above 10.0L	30%

Note that there is no tax below 2.5L. Take input amount as an input from the user.

4 Write a Java program to find out the day of the week given the number [1 for Monday, 2 for Tuesday ... and so on!]

- 5 Write a Java program to find whether a year entered by the user is a leap year or not.
- 6 Write a program to find out the type of website from the url

- Com → Commercial website
- org → organization website
- in → Indian website