Chapter 3 - Practice Set

1. What will be the output of this program

```
int a = 10;
if (a = 11)
    printf (" I am 11");
else
    printf (" I am not 11");
```

`I am 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 - 5OL	5%
5·0L - 10·0L	20%
Above 10·0L	30%

Note that there is no tax below 2·5L. Take income amount as an input from the user.

4. Write a program to find whether a year entered by the user is a leap year or not. Take year as an input from the user.

5	Write a program to determine whether a character entered by the user is lowercase or not.
6	Write a program to find greatest of four numbers entered by the user.