**Perform the following tasks:**

* write this class in your program

class date {

Private int day; // Day of the Month

private int month; // Month of the yea

Private int year; // Year

}

* Write 2 functions that check the data being entered through the set () function.

**private functions :**

**Test\_Day :** function that **take** the day and verifies it to see if the day entered is valid (between 1- 31) .The function should return a **true** if the day is valid or a **false** if the day is invalid.

**Test\_month** **take** the month and verifies it to see if the month entered is between 1 and 12. The function should return a **true** if the data is valid, otherwise it should return a **false**.

**Public set()** function so that:

It will call all the 2 previous functions to test the given parameters it will return false (and not carry out the data setting all will be zeros 0) if at least one of these 2 new functions does not return a true .

HINT:

Set (day ,month, year){

If (Test\_Day and Test\_month )

Return **true** and set variables with given values

Else **return** false and set variables to 0}

Test the date class in another test class:

In main ask the user to enter a date

Call set function and depend on its answer print valid or not valid date

Run your program several times and test this dates

22/1/2012 – 44/5/2014 – 4/13/2014

Show the result each time.