**Evaluation**

1. **Perform the following tasks:** write this class in your program

class date

{

int day; // Day of the Month

int month; // Month of the year

int year; // Year

};

Make objects **today** of type class date in a main () program.

Try setting the values of the today object Using this direct access to the variables ( today.day=…)

Set the following dates: Today 27/2/2014

Compile the program.. What goes wrong? How can I fix this ?

print out the data that you entered

**TURN IN: .CPP file with screen output.**

1. Continue on the same program and **Perform the following tasks:**

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**.
  1. Modify the 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}

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.