

# CMPE 261 - OOP and Concurrent Programming

## Assignment-01

Worth 5% of the assignment mark!

Deadline: 09:00, February 16

In your assignment, explain your codes with *comments*. Without *comments*, your assignment will not be marked.

### Question

In this assignment you are asked to implement a simple interactive student grading program. Suppose, to calculate final mark of a course, there are three assessments such as final exam(30%), midterm exam(25%) and assignments(45%).

For assignments, there are 6 different assignments with different weight. A1(15%), A2(10%), A3(20%), A4(25%), A5(15%), A6(15%).

There is a condition to evaluate assignments. If an assignment has been submitted before the deadline, then are not a penalty. Other case, there are 10% of penalty to be applied till 10 hours late submission. After the 10 hours of the deadline, none of the assignments accepted (penalty is 100%).

When you execute your program, it asks a user to input assessment grades. For example:

Input your Name and Last name:

Murat Orhun

Input A1 grade:

80

Did you submit it on time?

yes

Input A2 grade:

100

Did you submit it on time?

no

Did you submit it within 10 hours after the dead line?

```
yes
Input A3 grade:
90
Did you submit it on time?
no
Did you submit it within 10 hours after the dead line?
no
Input A4 grade
.....
.....
Input Midterm Exam grade:
70
Input Final Exam grade:
90
-----
Dear Murat Orhun, your average grade is: 80
```