CMPE 261 - OOP and Concurrent Programming

Assignment-02

Worth 5% of the assignment mark!

Deadline: 12:00, February 23

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

Question-01

Write a Program that computes the total ticket sales of a concert. There are three types of seatings: A,B, C. The program accepts the number of tickets sold and the price of a ticket for each of the three types of seats. The total sales are computed as follows:

```
totalSales = numberOfA_Seats * pricePerA_seat +
             numberOfB_Seats * pricePerB_seat +
             numberOfC_Seats * pricePerC_seat;
```

Write this program, using only one class, the main class of the program. It means make this calculation inside the main method directly.

Question-02

Redo the **Question-02** by using a **Seat** class. An instance of the **Seat** class keeps track of the ticket price for a given type of seat(A,B or C). It means the **Seat** class have some instance variables about seats and prices. After that create one more class, for example a **Test** class, calculate total sales about tickets.