CPSC1012 Object Problems- 1

Test your understanding of this material by answering the following questions by coding each of the questions:

1. Create a Student class based on the following UML diagram:

Student
- firstName: String - lastName: String - studentID: Integer + FirstName: String + LastName: String + StudentID: Integer
+ Student() + Student(FirstName: String, LastName: String, StudentID: Integer) + GetFullName(): String

The `GetFullName()` method returns the full student name in the following format:
`LastName, FirstName`

2. Create a program that makes use of the Student class created in question 1 above. The program should allow the user to enter up to 25 students and display a class roster (create an array of type Student). Use a menu of options to allow the user to choose either to enter a student's information, to view the report, or to quit. The roster should be formatted as follows:

```
Id              Last Name           First Name
--              ---------           ----------
 1              Doe                 Jane
 2              Anne                Sally

Total Students: 2
```