

# 13016209 Object-Oriented Concepts and Programming

## Lab 9

Start your program with your information using the following format:

/\*

ID:

Name:

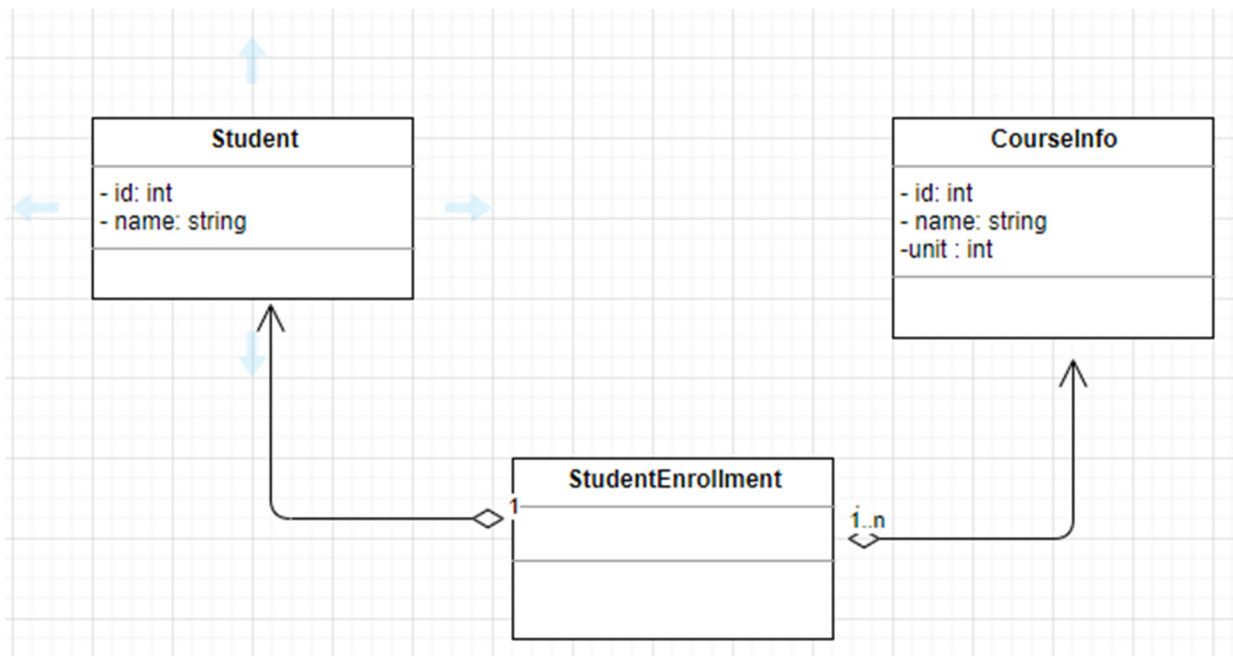
Lab No:

Question No:

Date:

\*/

1. From the following UML class diagram



You need to write the C++ classes to support this design. The Student class is used to store the information of a student. The CourseInfo class is used to store the information of a course. The StudentEnrollment is used to store the enrollment of a student, a student can enroll to more than one course. For the sake of simplicity, you do not need to write the codes to receive user input. All information can be hard coded inside the program. The example output of the program is as follows:

## Students List

-----  
6112345 Uncle Too

6112346 Tony Woodsome

6112347 Pom Friendswatch

## Courses List

-----  
12345 Object-Oriented Programming Concepts 3 credits

12346 Python Programming 3 credits

12347 Object-Oriented Programming Lab 2 credits  
-----

### Enrollment information for 6112345 Uncle Too

12345 Object-Oriented Programming Concepts 3 credits

12347 Object-Oriented Programming Lab 2 credits

Total units enrolled 5  
-----

### Enrollment information for 6112346 Tony Woodsome

12346 Python Programming 3 credits

12347 Object-Oriented Programming Lab 2 credits

Total units enrolled 5  
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### Enrollment information for 6112347 Pom Friendswatch

12345 Object-Oriented Programming Concepts 3 credits

12346 Python Programming 3 credits

Total units enrolled 6