

CMPE 101 - Intermediate Programming

Assignment-10

Worth 15% of the assignment mark!

Deadline: 09:00 May 27

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

Part I

Please implement classes for the class diagrams given in Figure 1.

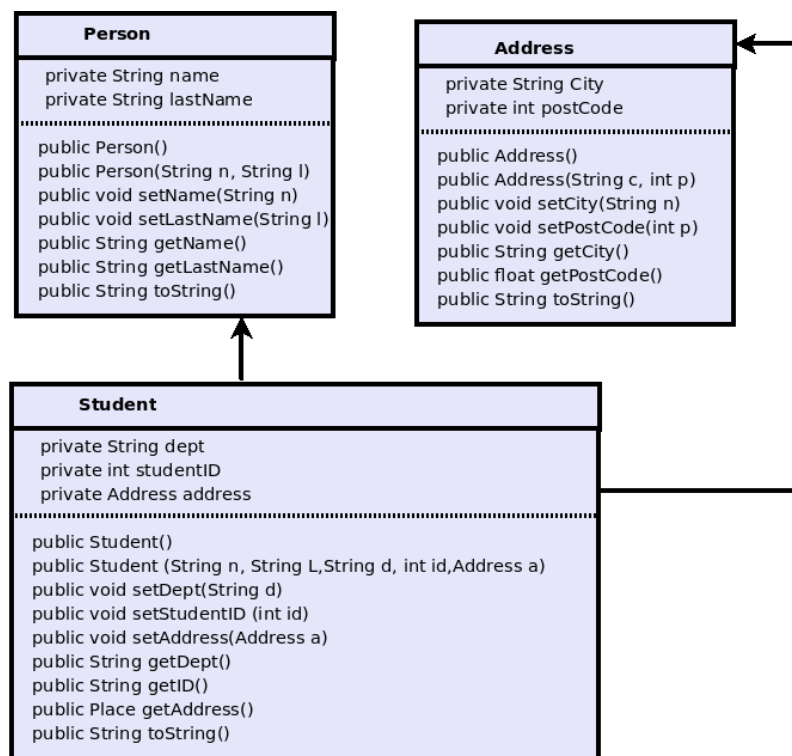


Figure 1: Class Diagrams

Part II

Write a class that implements following Interface and Test all methods.

```
public IntSutdents {  
  
    // search a students with student id. Note: The student list must  
    // be created with an ArrayList.  
    public Student searchStudent(ArrayList<Student> studentList, int studentId);  
  
    // adds a new student into the student list  
    public void addStudent (ArrayList<Student> studentList, Student student );  
  
    // delte a student from the student list  
    public void deleteStudent (ArrayList<Student> studentList, int studentId );  
  
    // print out all students in the List.  
  
    public void allStudents (ArrayList<Student> studentList);  
}
```