Tugas Praktikum PBO Kelas D

**Inheritance**

Berdasarkan kelas yang telah dibuat pada tugas pertemuan 2, yaitu:

1. Student
   1. Properties
      1. name
      2. age
      3. address
      4. studentID
      5. coursesEnrolled (List of Course objects)
   2. Methods
      1. getDetails()
      2. enrollCourse(Course c)
      3. viewEnrolledCourses()
2. Lecture
   1. Properties
      1. name
      2. age
      3. address
      4. employeeID
      5. coursesTaught (List of Course objects)
   2. Methods
      1. getDetails()
      2. teachCourse(Course c)
      3. viewTaughtCourses()
3. Course
   1. Properties
      1. courseCode
      2. courseName
      3. lecture (Lecture object)
      4. studentsEnrolled (List of Student objects)
   2. Methods
      1. addStudent(Student s)
      2. removeStudent(Student s)
      3. viewEnrolledStudents()

Analisislah kelas-kelas tersebut dan terapkan konsep inheritance pada hasil pekerjaan tugas pertemuan 2 kemarin.

Hint:

Perhatikan properties dan methods yang mirip.

Jangan lupa ada yang namanya overloading & overriding