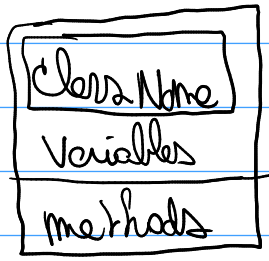
Tomaszewska Roxane

Exercice 1 :

Notation :

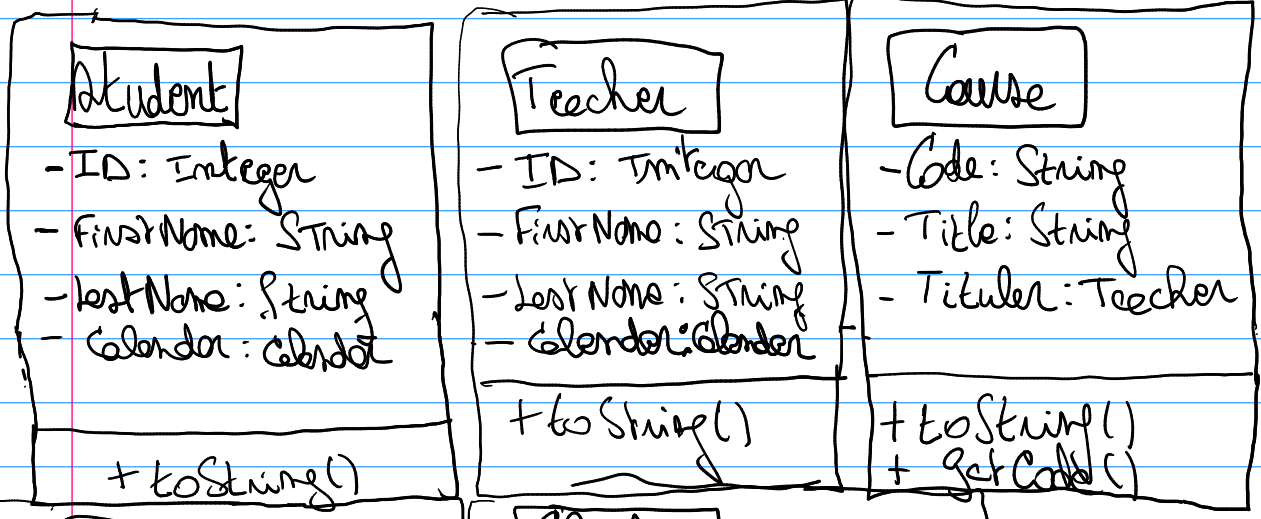


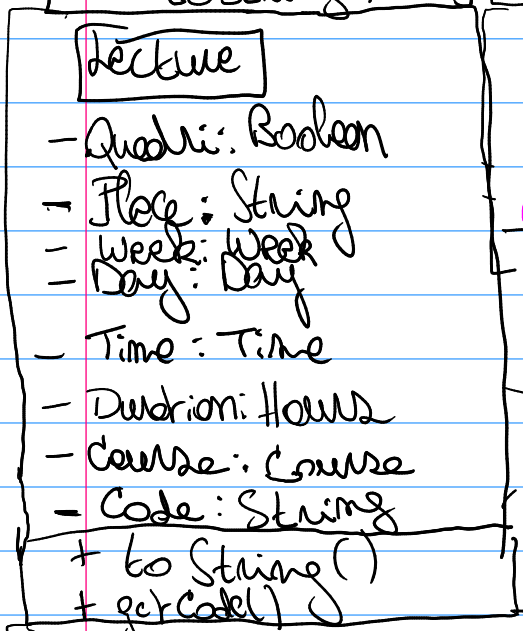
+ : public element : access from every class

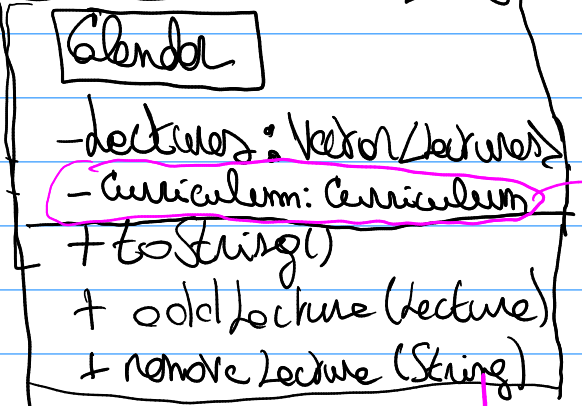
- : private element : access from its own class

instance variable : individual to each instance

class variable : shared between all instances

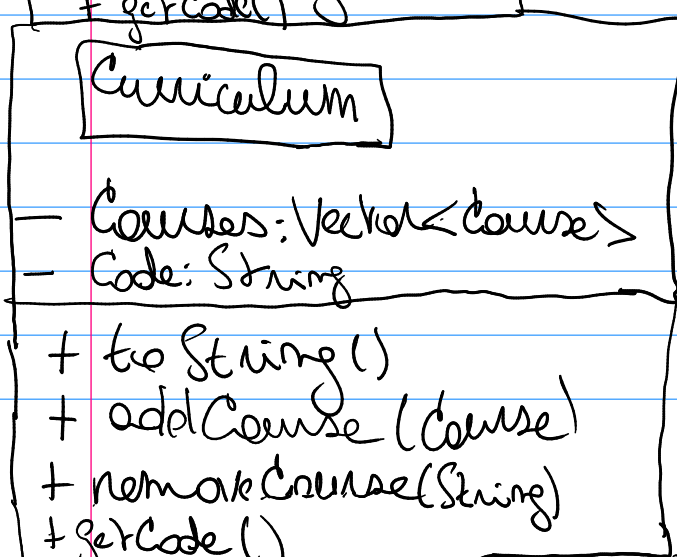


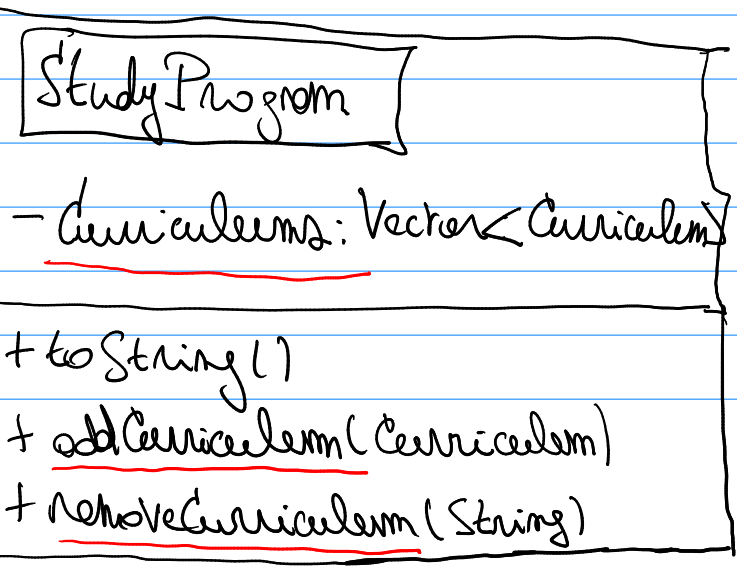




check Note (*)

Lcorresponds to Code Variable





Note: There are several ways to describe the situations. In particular, I've supposed that it was possible that lectures of a given lecture can have different durations, places from one week to another one
* The program Study is supposed to be unique (one for ULiège)

(*): The Curriculum Variable is there to check whether a lecture can be added with respect to the curriculum: i.e: The lecture's course is in the Curriculum.

Typical Scenario: Number of instances of class:

Student: # Students
Teachers: # Teachers
Course: # Courses
Lectures: $\sum_{i}^{N} P_i$ $N = \#\text{Courses}$ $P_i = \#\text{Lectures of Course } i$

Calendar:
Curriculum:
Study Program: 1
} # Calendars = # Curriculum