

Import project **exercise_arraylist_10** and please implement next requirements

Open project map - folder map

I. Map

There you will see that the minus of this program is that we need always to keep up to date the index

In facts array is the facts about the point at index of interestedPoints

Let's change it so that

1. Create a new class called PointOfInterest
2. That class has 2 elements - String fact, and Point point - create setters/getters and constructors
3. Change the parameters of class FactsMap so that to have only a List of PointOfInterest
4. Change the Route class so that to have a List of Point - because a route does not have only start and end point

II. Students

Navigate to folder students and please implement the functions of StudentManagementImpl class following the comments for each method

return all students from a course
Use Predicate here to return only the students from the specified course
@Override
public List<Student> getStudentsByCourse(String course) {

add a new Student
if there is a Student with same fac number, return null
Use Predicate to find if there is a user with facNumber or not
public Student addStudent(String facNumber, String name, String course)

Removes student with facNumber being passed
public boolean removeStudent(String facNumber) throws NonExistingStudentException

Go to StudentsTest class where you can verify that you have implement current the requirements