

# FIT9131 Programming Foundations

## Week 11 Exercises

### Homework checklist

To be up to date you should have completed the following:

- Tutorial exercises from weeks 1– 10. In particular, weeks 9-10 will help you greatly in your Assignment 2.
- Read the prescribed chapters of the text book, *Objects First with Java*, Barnes & Kölling.

### Important Reminder

Interviews for Assignment 2 will be arranged in the *TUTORIALS* next week (*Week 12*). You **MUST ATTEND** your tutorial to arrange an interview time for your Assignment 2 submission. If you do not make arrangement for an interview, you will receive a mark of zero for Assignment 2. *The actual interviews will take place in Week 14 (or voluntary in Week 13).*

Please read the Assignment specs again, carefully, to ensure you understand the following:

- **due date & penalty** - these are non-negotiable. Late submissions will incur the specified penalties.
- **submission requirements** - what materials to submit, and how to submit them

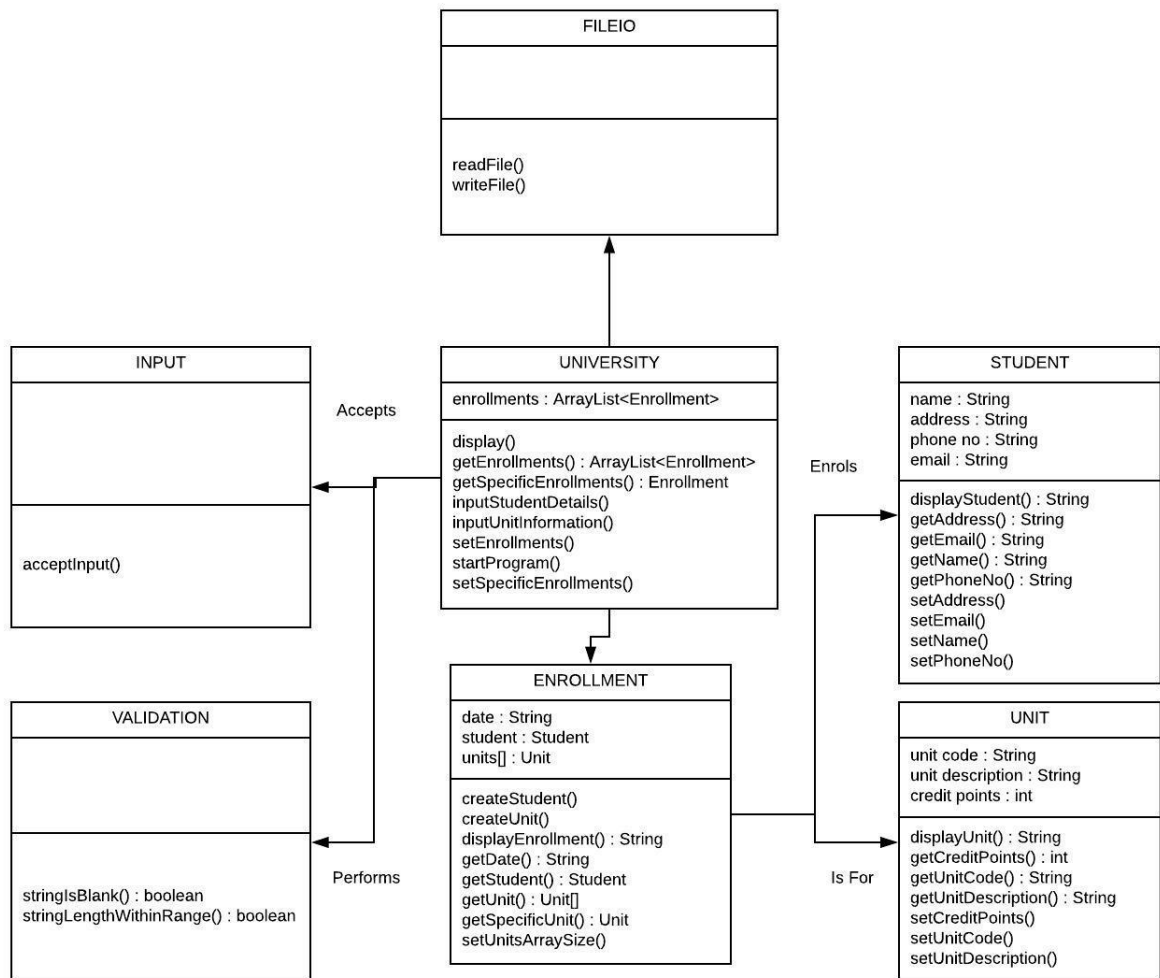
If there is anything you are unsure of, ask your tutor **NOW**, not next week - for instance, asking him/her an important question about your code by sending an email an hour before the official deadline will not help you at all.

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### Exercises to work on in the tutorial

- We revisit our rolling project for the last time.



- Integrate Exception Handling into all your client classes. This would include using **Try**, **Catch**, and **Finally** clauses. These would generally include the University Class, and possibly the FileIO class.
- Integrate Exception Handling into all of your server classes. This would include using the **throw** and the **throws** keyword to handle any errors which show up. These would generally include the Enrollment, Student, Unit, Input, Validation, and possibly the FileIO classes.
- If possible, work on throwing an exception in the non-default constructor should invalid values be passed to the method when attempting to create the object.

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### **Working on Assignment 2**

- Work on your Assignment 2. You ***MUST*** show your code/design to your tutor for feedback/comment; otherwise he/she will not help you with it next week.
- Read through chapter 8 of the text book; these will help reinforce the design concepts discussed in the lecture. These are important for your assignment and your final exam.

### **Homework for this week**

Finish the tutorial exercises for week 11

Continue/finish work on Assignment 2.