Monday Coding Exercise

CSCI 4448/5448: Object-Oriented Analysis & Design

Lecture 34a

Preparation

- Need a PC with Java 8 or better IDE
- Need to be able to browse
- You will be placed into a Zoom breakout room when we start
- A source of caffeine is recommended

- For those not attending synchronously, hang on, and we'll talk about how you can try this challenge outside of class time

Take The Oath

- Repeat after me:
  - I, <state your name>,
  - Will not attempt
  - To find or search for
  - By any means
  - The GitHub repo containing
  - The original code for this exercise
  - Because
  - This is supposed to be
  - A fun challenge
  - And that would be lame

The Challenge

- There are 5 small Java programs out on Canvas in class files – proj1.java to proj5.java
- You will be working to get the code to run - you may use notes, slides, internet searches, but…
- DO NOT USE the GitHub repo this code comes from if you stumble into it
- I will move you into breakout rooms in random teams
- Load the first one, proj1.java, into your Java environment – you may need to break it into separate java files
- You need to do the following (in whatever order)
  - Identify the pattern in the code
  - Replace any ThingN terms (Thing1, Thing2) with the right names from the pattern
    - Hint: the UML class diagrams will help for this
  - Fix any ??? elements in the code to make it run
- When you have done ALL THREE of these things (including making the code run), then and only then, should your team load up the next code to work on
- DO NOT WORK ON MULTIPLE PROGRAMS IN PARALLEL – if you want to skip one, and go on to the next, that's ok – but teams should be working on one program at a time
- Before class is over, you'll come back from the meeting rooms, and I'll share the answers
- Scoring
  - 0 to 1 program done mostly correctly – 1 quiz point
  - 2 programs done – 2 quiz points
  - 3 programs done – 3 quiz points
  - 4 programs done – 4 quiz points
  - 5 programs done – 5 quiz points

Ready, set,…

GO!

(I’ll send you to breakout rooms, come back to the main room if you need anything…)

If you’re not attending class live

- Download the file OOAD Coding Exercise.docx or .pdf
- Sometime before Monday 11/23 at noon, follow the instructions for performing the exercises solo and turn in your results
- Viola, extra points for you!
- Ping me if you have questions on the assignment instructions