Welcome!

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CS 0007
Introduction to
Computer Programming

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Welcome!

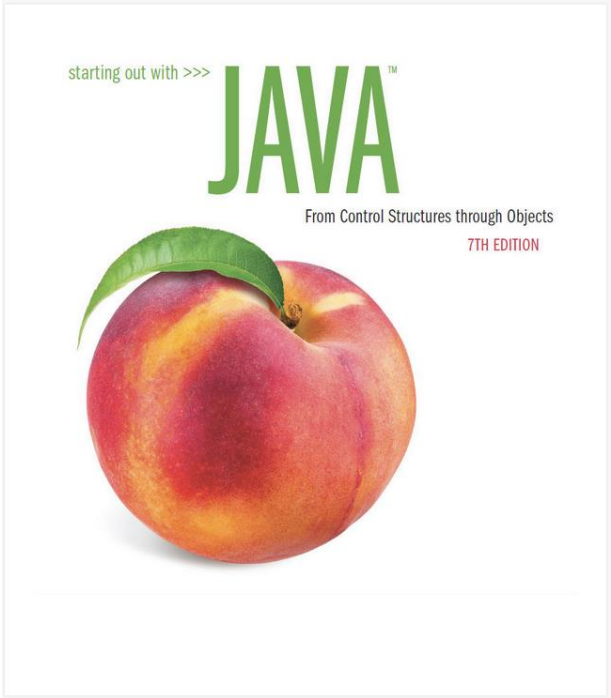
- My name is Luís (pronounced Loo-eesh, but I don't really care ☺)
- I'm not from these parts as you can tell from my accent
  - I come from Portugal

i before e except after c…
and this guy's name!

- course site: luisfnqoliveira.github.io/CS0007
  - all the stuff I talk about today is on the course site
- email: loliveira@pitt.edu
- office: 5421 SENSQ (haha – more like Zoom) (check site)
- office Hours: TBD (check the site)

Textbook

- **Starting out with Java From Control Structures through Objects**
  - 7th edition
  - If you have a previous edition it's fine
  - If you have another book on Java, check the table of contents
- **I advise you to get a book on Java**
  - You have been opted-in in Redshelf (It'll cost you $)
  - You can opt-out until add/drop (check website)



Grading

- Classes are important
  - Some will be boring (today? ☺)
  - Sometimes the slides alone may not be clear enough
    - Even from seasoned professors! (I know, I've been there!)
- Labs: 20%
  - Work done during recitation
- Quizzes: 10%
  - In recitation
- 3 projects: 30%
  - Programming projects using Java
- 2 exams: 40%
  - 1 midterms, 1 (semi-cumulative) final
  - **Lowest grade 15%; highest is 25%**

Expectations

- Religious absences are excused: contact me ASAP
- Students with disabilities should contact the Office of Disability Resources and Services (DRS) if you haven't already
  - 216 William Pitt Union; **412-648-7890**; TTY:**412-383-7355**
- Please, no comments about sex, gender, race, ethnicity, religion, etc..
  - Anywhere!
  - Just be nice!
- Cheating: Don't!
  - 0 on assignment first time,
  - **fail the course** second time.
  - Do not publish your work in public palaces (no **github!**)
  - you can also talk about labs, but still no sharing stuff

DO NOT CHEAT!

- If you're confused, don't cheat, ask me for help?
  - Hot tips for not cheating:
    1. Don’t!
    2. Do not!
  - You have LOTS of resources
    - Me! and the TA
    - Undergraduate Helpdesk (CRC)

- People can tell when you cheat
  - It is usually quite obvious!
  - So don’t do it, it’s not worth it!
  - The university is quite strict about it.

Teaching

- **No questions are dumb!**
  - NEVER BE AFRAID TO ASK THEM!
  - **DON'T STRUGGLE IN SILENCE ON YOUR PROJECTS!!!!!!!**
  - Classes taught **without interaction** are boring!!

- **I cannot read your mind, or see your faces (remote \o/)**
  - Interrupt me!
  - You can ask questions, and get the answers promptly!
  - Please… be interactive ☺

FAQ

- **Maybe the answer for my question is in the next slide. Should I ask?**
  - Yes! I'll let you know if that's the case
- **I'm sure I should know this. I shouldn't ask!**
  - NO! Probably you should not know that yet! So just ASK!
  - NO! Maybe you should know, BUT you don't… So ASK!
- **I'm embarrassed I don't want to ask**
  - That's fine! But don't be! Others will have the same question! I assure you!
  - But if you want, write the question down, send it to me privately!
  - BUT ASK!!!! (later)
- **Should I ask?**
  - YES! Interrupt me at any time!!!
  - Like now? INTERRUPT ME!!!

Goals for this course

- **Think computer:**
  - Understand common programming grammar (usage and limitations)
  - Create a solution for a problem (this is the actual hard part!)
  - Practice-practice-practice

- **Read computer:**
  - Analyse and critique Java code written by someone else
  - Looking at code and understand what's going on!
  - You will need to understand other people's code

- **Speak computer:**
  - Write algorithms and implement them (in Java)
  - Binary – and how does it limit us when writing a program
  - Programming – How to convert a solution into something the computer can do