

Welcome to CSc 115: ***FUN***damentals of Programming II

Dr. Celina Berg

This course is intended to:

- introduce two fundamental programming concepts:
 - abstract data types
 - recursion
- examine and apply these concepts within the context of an object-oriented approach to programming
- introduce techniques for reasoning about the efficiency of algorithms and data structures

Course Structure – Active Learning

- Prelecture
 - Video to introduce concepts
 - quiz - test your understanding of concepts
- Lectures
 - 2 * 75 mins per week
 - Problem solving applying concepts introduced in videos
 - I will attempt to record and post to BrightSpace but no guarantees
- Labs
 - Online submission of exercises
 - TAs will be available during your registered lab time to answer questions
 - Ensure you are registered or waitlisted for a section, we will deal with waitlisted students soon!
- Assignments
 - Apply material covered in lecture and labs
 - First assignment will release today and is due next Wednesday
- Exams
 - 3 in-person midterms (dates on Course Outline and Schedule in BrightSpace)
 - final exam (to be scheduled during exam period) must pass to pass the course

Our expectations for you

- you have basic programming skills (CSC 110/CSC 111)
- Active learning is hard work
- be prepared – understand pre-lecture material before coming to lecture
- Try to solve the given problems – don't just wait for the solution demo!
- Even if you think you can multitask,
you won't be getting the most from your time!
 - Class time is class time
 - 100% focus on the work we have to do
 - don't disturb anyone else
 - no phones, Facebook, YouTube...,
- Ask questions – this helps all of us!
- Be respectful of others

Assignments

- Are to be completed and submitted individually
- If you understand lecture and lab material, this understanding will directly apply to your assignment
- When you are stuck, get help on related lecture and lab material, and always complete your assignment on your own.
- Places to get help:
 - Instructor office hours (posted on BrightSpaces)
 - Course Discussion Forums
 - Post questions, error messages or even program output
 - DO NOT post your code
 - Classmates – be careful here! Sometimes the help is incorrect or too much help will put you both in a situation of academic misconduct

Plagiarism

- Submitted work may be checked using plagiarism detection software. Cheating, plagiarism and other forms of academic fraud are taken very seriously by both the University and the Department. For the UVIC policy on academic integrity, you should consult:
 - <https://web.uvic.ca/calendar2019-01/undergrad/info/regulations/academic-integrity.html>
- Note that the university policy includes the statement that:
- **"A largely or fully plagiarized assignment should result in a grade of F for the course".**

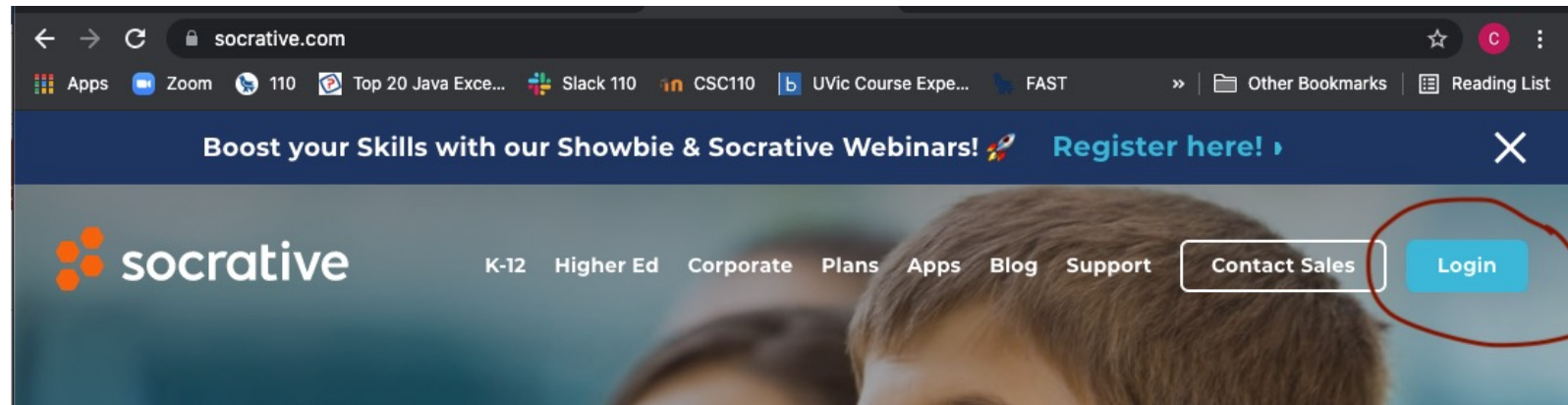
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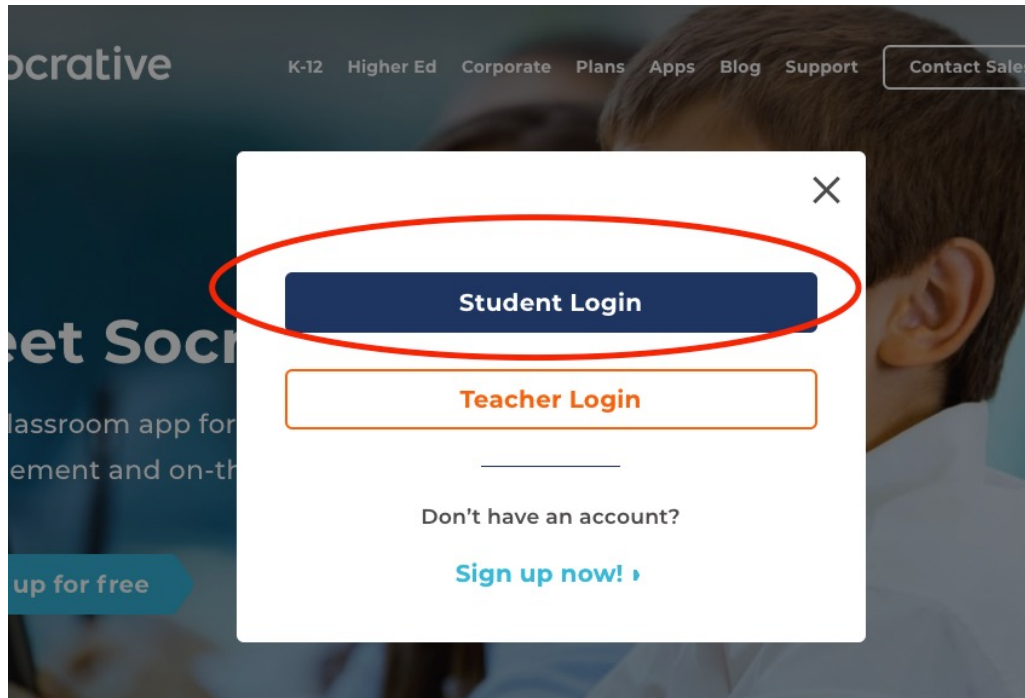
Java bootcamp

- Dates: Monday, May 9 – Wednesday, May 11
- Time: 5:30-6:30pm
- Location: BWC A104
- not mandatory but for those wanting additional help with transitioning to Java from another language
- practice problems provided, instructors there to help!

1. go to socrative.com
and select Login



2. select Student Login



3. in Room Name
enter: BERG4559
and select Join

A screenshot of the 'Student Login' form. The form is light blue and contains a 'Room Name' input field with the text 'BERG4559' entered. Below the input field is a large orange 'JOIN' button. The Socrative logo is visible in the top right corner. At the bottom right, there is a language selector showing 'English' with a dropdown arrow.