

COSC 111: Computer Programming I

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A3 feedback

- Statistics:
 - Average: 27.2 bonus points
 - Max: 45 bonus points
 - Attempts: 53% of the class

A3 feedback

- Common mistakes:
 - Q1: toString() prints but doesn't return String
 - Q2: Missing explanation for pass by reference vs. pass by value
 - Q3: Missing public, static, or final on constants
 - Q3: Not using constants as required
 - Q4: Printing values rather than returning them
 - Q4: Not using equals() when comparing strings
 - Q4: Looping through to CAPACITY even though there may not be that many books in the library
 - Q5: Accessing private attributes without using accessor methods

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 - Q5: Accessing private attributes without using accessor methods
- On the flip side:
 - Common mistakes point to detailed requirements
 - Good at testing!
 - Good at building classes with attributes and methods!

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 - Lists
 - Queues
 - Stacks
- Working with these data structures
 - Sorting (organizing them)
 - Searching (finding information)

Games Show & Tell

- About 30% of class attempted Lab 10
- Max: 27 bonus points
- Video compilation ...

Final Exam – Things to bring

- Required:
 - Student ID card
- Allowed:
 - 2 pencils
 - An eraser
 - 2 pens
 - 1 sheet of 8.5" x 11" paper
- Not allowed:
 - No calculators of any kind
 - No cell phone
 - No food or drinks

Final Exam Instructions

- We will place the exam on a desk
 - Do not open the booklet
- Exam starts only when we indicate so
 - If anyone starts earlier, the case will be treated as cheating
- Exam ends when we indicate “time’s up”
 - If anyone stops later, the case will be treated as cheating
 - If you finish early, submit your exam before you pack up

Final Exam Instructions (cont.)

- No looking around, whispering, using any notes/books aside from the cheatsheet, copying from others, listening to audio, using the cell phone for any purpose
 - If any such behaviour is found, the case will be treated as cheating
- If you have a question, raise your hand during exam

Final Exam Format

- Section 1: multiple choice [10 points]
- Section 2: short answers [30 points]
 - Given code, what is the value of ...?
 - Given code, what is the output?
 - Given loop, rewrite it using ...
 - Given erroneous code, fix it with correct code.
- Section 3: write Java code [50 points]
 - Given partial code of a class, write a method that does something specific
 - You will be asked to write a method that operates on 2D array
 - Given a description, write a class that does specific things

Last Words about the Final Exam

- Topics – cumulative
- Resemble MT2, with new topics
 - Everything before MT1 will not be tested explicitly
 - But still need to know how to use those concepts and their definitions
- Picking up MT1 and MT2
 - During December office hours – will post on discussion forum
- Timing:
 - Exam planned to be written for 2 hours
 - Given 3 hours

Last Words about the Final Exam

- You must pass the final in order to pass the course
- Cheating on the final exam will not be tolerated
- Marks going into exam?
 - Calculated, to be posted soon
 - Two Lab 10 marks still missing – TA to confirm
 - Some are going in with 80+% (final is only worth 30%)

Questions?

- Practice questions online
- Good luck!