Overview

- CSC 133 Midterm Result
- Interactive Technique (Continue)
- Introduction to Animation and Sounds API

Midterm Result

Statistics (100 Points Total)

Section 2

Maximum Value	83
Minimum Value	48.5
Average	65.97
# Submission	33

Section 4

Maximum Value	92
Minimum Value	42
Average	71.85
# Submission	37

Redo Opportunity (One time) - OPTIONAL

- Redo multiple true/false/short answer questions (Problem 1), and problems 2,3,4
- Provide written TYPED answers (2 pages in PDF format). Also attached your program (Problem 3) and scanned original exam.
- Resources: Books, Lecture Notes, debugger, your instructor, tutors.
- Treat this as an individual take home exam (not a group assignment).
- 10-15 points* (no points to be given without seeing a progress is being made)

Tutoring schedule

Computer Science Tutoring

Free Services Santa Clara, Room 1217

Open February 5, 2018 – May 4, 2018

Tutoring CLOSED March 19-23, 2018 and March 30, 2018

Last Updated: February 2, 2018

Times:	Monday	Tuesday	Wednesday	Thursday
9:00-10:00		Matthew Roy (9-10)		Matthew Roy (9-10)
10:00-11:00				
11:00-12:00	Daniel Rudy (11-1:30)		Daniel Rudy (11-1:30)	
12:00-1:00				
1:00-1:30				
1:30-2:00	Nicole Barakat (1:30-3:30)		Nicole Barakat (1:30-3:30)	
2:00-3:30		Matthew Roy (2-4)		Matthew Roy (2-4)
3:30-4:00				

Redo Option Deliverables and Midterm 1 Grade

- Due April 2th (In Canvas) – Absolutely, no late work accepted. A new column will be created.
- Multiple choice questions (Problem 1) required explanation/justification – now that you know the answer!
- Redo Problem 3 is required programming with output result (showing it does work!) with full documentation. Attached your program and its output along with the PDF document in Canvas.
- Redo Problem 4 is required drawing the UML diagram using Violet (or other tools).
- Final Midterm grade will be posted in Canvas on April 16th.

Problem 3

- The first step is to have an understanding of what is Command Design Pattern.
- Need to know the steps of how to create container.
- Knowledge about layout: Box Layout and Flow Layout.
- Know how add the container to the form, creating buttons , etc
- Know to assigning keys to the button, and add commands to the button.

Please review lectures on Command Design Pattern on: Design Pattern Part II (Week 7), slide 10-11 (Cut/Delete example) and Attendance Quiz 3 (take home) - before midterm.

Problem 4

- This is the problem that is the most challenging one for the midterm.
- Most of the students got points taken off is due to IRenderer and Irenderable – not using it correctly or missing them.
- Incorrect usage of interface, abstract, aggregation, composition, inheritance.
- Multiplicity was not included.

Please review lecture on OOP Concepts, Inheritance (Week 2 on Canvas), and Polymorphism (Week 3), Interface (Week 4).