

CSCE 240: Advanced Programming Techniques

Lecture 15: In-class Review of PA1 and PA2

PROF. BIPLAV SRIVASTAVA, AI INSTITUTE

27TH FEBRUARY 2023

Carolinian Creed: “I will practice personal and academic integrity.”

Credits: Some material reused with permission of Dr. Jeremy Lewis.
Others used as cited with thanks.

Organization of Lecture 15

- Introduction Section
 - Recap of Lecture 14
- Main Section
 - Individuals presenting presentation
 - Discussion
- Concluding Section
 - About next lecture – Lecture 16
 - Ask me anything

Recap of Lecture 14

- We had Quiz1
- Discussion
 - **Questions were about concepts, pseudo-code and UML diagram.**
 - C++ code fragments are shown
 - Pseudo code is asked, but they do not have to be running code.
 - The quizzes can be done anywhere. You can complete it on paper, scan and email me OR do it on a text editor like Google doc and share the link to .pdf. **Either way, only a .pdf is acceptable**

Main Section

Presentation Template

<Your Name> - <Companies>

Format for Interim Presentation
on Feb 27, 2024

Project Context

1. 10-K url
2. About data: parts and items in 10-k
3. PA1: language, highlights, issues -if any
4. PA2: language, highlights, issues -if any

Achievement

- Status: choose one from [*incomplete*, *complete*, *ready-to-reuse*]
- Class diagrams – PA1, PA2
- Discussion
 - Describe how can others reuse.
 - PA1: Easy/ hard; steps for reusing another company
 - PA2: Easy/ hard; steps for reusing another company
 - Any other point to highlight?

3 min context + 1 min company 1 + 1 min company 2

Results for <Company 1>

Format for Interim Presentation
on Feb 27, 2024

Achievement

- Test Case
 - E.g., <sample input, correct output>
- Sample Result
- Challenges – if any

3 min context + 1 min company 1 + 1 min company 2

Results for <Company 2>

Format for Interim Presentation
on Feb 27, 2024

Achievement

- Test Case
 - E.g., <sample input, correct output>
- Sample Result
- Challenges – if any

3 min context + 1 min company 1 + 1 min company 2

About Next Lecture – Lecture 16

Lecture 16: Operators, Access Control

- Operators in C++, usage
- Access control

Feb 6 (Tu)	OO – inheritance	Prog 2 - start
Feb 8 (Th)	Regex, OO - polymorphism	HW 3 due
Feb 13 (Tu)	Exceptions	
Feb 15 (Th)	OO – Constructor, Destructor	Prog 2 – end
Feb 20 (Tu)	Review: inheritance, Polymorphism	Quiz 1 – In class
Feb 22 (Th)	In class test	Prog 3 - start
Feb 27 (Tu)	In class Project Review: PA1 and PA2	
Feb 29 (Th)	OO – operators, access control	Prog 3 - end Semester - Midpoint