

COSC 251 – Programming Languages Presentations! Spring 2018

Objective: Present a language in a lecture format for your fellow classmates (and my) edification.

Your Task: In groups you will do the following:

- Decide on a programming language not presented in this class, which must be approved by the instructor. As a hint, Java, lua, and C# will not be approved, nor will any of the esoteric languages presented in previous 251 classes, or any of the “mathematic” languages (Matlab, Mathematica, Maple, R, Sage).
- Develop a 40-minute long lecture to be presented in class during the last few sessions of class.
- Develop a programming assignment similar to the lab assignments you have worked on during this semester. You will present both the assignment and its solution during the presentation. The class will not be doing the lab you’ve created. The 40-minute lecture includes time for you to cover this programming assignment.

You will be graded on clarity of your lecture, content and length, balance amongst your group members, deliverables, team reviews, as well as addressing each of the 7 aspects of a programming language we have touched on for each of our languages to this point. Your fellow classmates, your TA and your instructor will be grading you on your presentation.

Team reviews must be submitted before your lecture and should consist of an email containing a numeric grade (0-100) and justification for each of your group members. Do not grade yourself.

Expectations: A clear, professional lecture and a well-developed programming assignment. You will turn in your programming assignment and solution via Blackboard by 11:59pm the night before your lecture. You will submit your team reviews before your lecture.

Group Stuff: By 5pm, 4/3 you may email a list of up to 2 people that you do not want to work with. We will announce group assignments in class 4/4 and 4/5. Language choices will be set in class when group assignments are made.

NOTE: You will be assigned your presentation slot the day that groups are assigned. Presentations will be during the final 2 weeks of class.