

1 Class Paper and Presentation

You are to produce a paper and a presentation comparing and contrasting the two programming languages that you chose. The topics all center around generations in programming language families, so you should be able to (largely) treat the differences as improvements.

For reference material, you need to find resources for your presentation, such as textbooks, web sources, and technical papers. You must document all of the places where you use others' words and ideas with clear citations.

The MLA Handbook is a great resource for writing papers; it also now devotes an entire chapter to the subject of plagiarism and academic honesty, if you need guidance.

2 Paper Evaluation

The paper should have

1. A title page (with title, author, and date).
2. A short abstract that summarizes the paper in one paragraph.
3. An introduction that briefly gives the history of the two programming language.
4. A section giving the advantages of each language (the later one should probably have more advantages than the earlier one).
5. A section giving the similarities of the two languages.
6. A section explaining the differences in the two languages
7. A conclusion, giving your thoughts on the changes from the earlier language to the later (I assume that most of these will be viewed as improvements, though perhaps not).
8. A bibliography with references to papers and web sites you consulted

The rubric for the paper will be on a 100 point scale:

1. Structural: title, introduction, conclusions, and layout of sections. (20 points)
2. Completeness of references in bibliography. (20 points)
3. Depth and thoroughness of your research. (20 points)
4. Accuracy of your observations. (20 points)
5. Clarity of writing and use of correct grammar. (20 points)

The entire paper should be at least five pages, though of course you are welcome to write more. You should have at least 5 references.

The paper will be submitted via Blackboard to TurnItIn, and is due by midnight on August 3.

3 Presentation Evaluation

The evaluation of the quality of the presentation (as well as the paper) will take into account the originality, relevance, and currency of information that you present, as well as the clarity of the presentation. The presentation will be scored using the following rubric:

Grading criteria for oral presentations (100 pts possible):

1. Quality and content of personal introduction (0 to 10).
2. Student is within the prescribed time limits of 12 to 15 minutes (0 or 10).
3. Student speaks audibly and clearly (0 to 10).
4. Student's visual aid is appropriately used and enhances the presentation (0 to 10).
5. Student presentation is well organized (0 to 20).
6. Student addresses all issues mentioned in the topic description (0 to 20).
7. Student explains the material well, going appropriately in depth given time constraints (0 to 20).

Presentations will be given during the recitation sections on July 27 and August 3.