Presentation and Research Paper Information

This assignment has been designated by the Department of Computer Science for assessment of certain expected outcomes for its degree programs, as required by our accreditation agencies, the University, and the State of Florida. **Departmental policy does not permit a final grade of C- or better to be assigned unless the student has earned a grade of C- or better on this assignment, regardless of performance on other work in the course.**

**Oral Presentation Requirements**

An oral classroom presentation is required by each student. Presentations will be held at recitation time according to the posted presentation schedule. Please note that recitation attendance is mandatory. An attendance sign-up sheet will be distributed at each recitation.

Presentations in PowerPoint or other electronic format are required. You can bring your laptop computer, but be prepared to access the presentation from the classroom PC in case the laptop cannot be used. Presentations should take about 12 minutes. Presentations must not exceed 15 minutes or be shorter than 10 minutes and will be terminated when 15 minutes have passed. Please be prepared to start on time when you are presenting. If you get started late not only will you lose points, but we will have difficulty finishing within the class period.

Visual aids such as images, tables, and graphs must be presented in a clearly understandable format. You may use the whiteboard (or blackboard) if you wish to comment on questions, but you must not depend on them. A good presentation will cover the highlights of the student's research paper topic and give other students insight into the topic, particularly from the standpoint of language features and properties discussed in class. A good rule of thumb is to imagine that you have 12 minutes to introduce your language to someone who has never heard of it before – what are the interesting features? What kinds of applications is the language best for? What does the syntax look like?

**Research Paper Requirements**

The individually-written technical paper on the presentation topic must be submitted as a hardcopy and electronic copy on April 28th at 5PM. You may slip the hard copy under my office door before the deadline and submit the electronic copy via Blackboard.
The research paper should explore your topic at a greater depth than the oral presentation and you are expected to comment about your topic in terms of the features and design/implementation ideas we’ve discussed in class.

The presentation paper should have a title page (with title, author, and date), a short abstract that summarizes the content in one paragraph, an introduction section that introduces the topic (and specific problems if applicable) to be investigated, the paper body (several sections), a conclusion that summarizes your paper, and a bibliography of references to papers and web sites you consulted.

You will likely need to find resources for your presentation and paper, such as textbooks, Internet sources, and/or technical papers (when applicable). Suggested is to add a bit of history that explains the origin and/or the context of the topic, when applicable.

**Evaluation and Grading**

The grade breakdown of the oral presentation and research paper component of the course (10% of the total final grade) is 5% for the oral presentation and 5% for the paper.

The evaluation of the quality of the presentation (as well as the paper) will take into account the depth and relevance of information that you present, as well as the clarity of the presentation.

Oral presentations will be graded using the following criteria (50 pts possible).

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<th>Criteria</th>
<th>Points</th>
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<td>Student is prepared and ready to begin on time.</td>
<td>0 or 5</td>
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<tr>
<td>Student is within the prescribed time limit of 10 to 15 minutes.</td>
<td>0 or 5</td>
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<tr>
<td>Student speaks audibly and clearly.</td>
<td>0 to 5</td>
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<td>Student's visual aid is appropriately used and enhances the presentation.</td>
<td>0 to 5</td>
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<tr>
<td>Student presentation is well organized.</td>
<td>0 to 10</td>
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<td>Student stays focused on topic, and does not stray into other topics.</td>
<td>0 to 10</td>
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<td>Student explains the material well, going appropriately in depth given time constraints.</td>
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A presentation will be graded with 0 points if you don't show up, or spent less than 8 minutes on your presentation, or if your presentation material is not legible.
In general, to get a good grade for the oral presentation, you must (1) be familiar with the presentation equipment BEFORE your presentation and be ready to start on time, (2) give your presentation within the 10 to 15 minute time limit, (3) speak clearly, (4) use visual aid appropriately that enhances the presentation (e.g. figures must be readable by the audience), (5) have a good presentation flow (good organization), (6) go into sufficient and appropriate depth (audience must have some idea about the technical details in the topic that you present; at the same time, you should not bore the audience with unnecessary details).

The presentation paper will be graded using the following criteria (50 points possible):

- Organization: title, introduction, conclusions, and layout of sections. (0 to 10)
- Completeness of references in bibliography (did you check up-to-date technical papers, textbooks, and/or trusted on-line resources?). (0 to 10)
- Depth and thoroughness of your research. (0 to 10)
- Accuracy of your conclusions (are the conclusions an accurate summary of your findings and recommendations?). (0 to 10)
- Clarity of writing and use of correct grammar. (0 to 10)

The paper length is not limited, but should contain at least four pages of content in double-spaced 11pt font (that is, the four pages do not include the title page or references).

**Warning on plagiarism:** do not copy/paste material without properly quoting the text and citing the resources!