14 points	**Homework 4**

You are to select, study, and present a compiler-related "topic" to the class. The papers listed on the web-site are all possible topics for you to choose from, but if you have another idea please contact me to discuss it. For your chosen topic you are expected to:

- Explain the topic does both conceptually and through examples;

- Relate the topic to the concepts, data structures and algorithms studies in the class; and

- Illustrate the topic in action on a realistic program fragment.

You are to provide an outline and plan for your presentation (part 1) and then deliver a 25 minute tutorial presentation on the topic in class (part 2).

Part 1 (4 points)

Grading rubric for outline presentation:

- (1 point) Presentation outline

- (1 point) Description of how you will motivate the topic

- (1 point) Description of example

- (1 point) Description of technical material to be presented

Part 2 (10 points)

Grading rubric for written presentation:

- (1 point) Both team members participate

- (1 point) Used 25 minutes appropriately (neither too long nor too short)

- (1 point) Organization of presentation

- (1 point) Quality of presentation materials

- (2 point) Clarity of presentation

- (1 point) Answered questions effectively

- (1 point) Illustrate the topic on a realistic program

- (2 point) Related pass to concepts in class