

**CMPSC 401
Compiler Development
Spring 2019**

Presentation One

Assigned: 19 February 2019, 2019 at 11:00 am

Due: 7 March 2019, 2019 at 11:00 am

Objectives

To investigate how security is related to the topic of compilers. To work in groups to identify a specific sub-topic at the intersection of two areas and to prepare approximately 15 minute informative presentation given to peers.

Presentation Assignment

During our last class session we have collectively identified several areas for exploration at the intersection of topics of security and compilers. You must form teams of 3-5 for a specific topic and work as a group to prepare a presentation to give to class on March 5.

Your presentation should contain the following elements.

- An overview of the topic, its relevance to compilers and its importance to the subject of security. Mention and cite existing work as you describe these components to ensure their relevance is justified.
- Specific examples. Provide a demonstration if appropriate.
- Interactive audience component.
- Future in your chosen topic. You may refer to recommendations in the field or provide your opinions.

All team members must contribute to the preparation of the presentation and participate in the presentation in some way. Your presentation will be evaluated by the instructor and your class peers according to its clarity and integration of the required components outlined above.