

## Siyuan Xu Partial Credit Writeup

1. Problems I encountered:
  - a. During the development process, the implementation of the program was actually the easiest task. What's much more difficult is to get the ANT configuration right. For example, I spent a really long time trying to figure out how to include multiple .jar files into my compilation dependencies.
2. To my best knowledge thus far, I think my program works as expected.
3. Some command line tricks:
  - a. To run the program, type: `java SearchMap <inputfile> <outputfile>`
  - b. To initialize project: `ant init`
  - c. To compile project: `ant compile`
  - d. To convert project into a .jar file: `ant dist`
  - e. To convert the java doc: `ant doc`