

## CS 365 – Lab 1 Writeup

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Initial Decisions: Java, IntelliJ for IDE

Notes on internal architecture: Creation of a studentInfo class, using ArrayLists<studentInfo> for creation of new students, searching, and pulling data for from user queries.

Task Log:

- StudentInfo class creation – 30 mins.
- Parse the student.txt file and place the data into a new StudentInfo object. – 1 hour.
- Write the runCommand Method that parses the user input with appropriate catches for bad input. – 4 hours
- StudentSearch class that performs the search and seizure of data related to user query. – 4 hours
- Bug Testing – 2 hours

Notes: bug catching mostly included missing try-catches for invalid input. Testing wrong input was the majority of all problems and making sure every requirement is fulfilled.