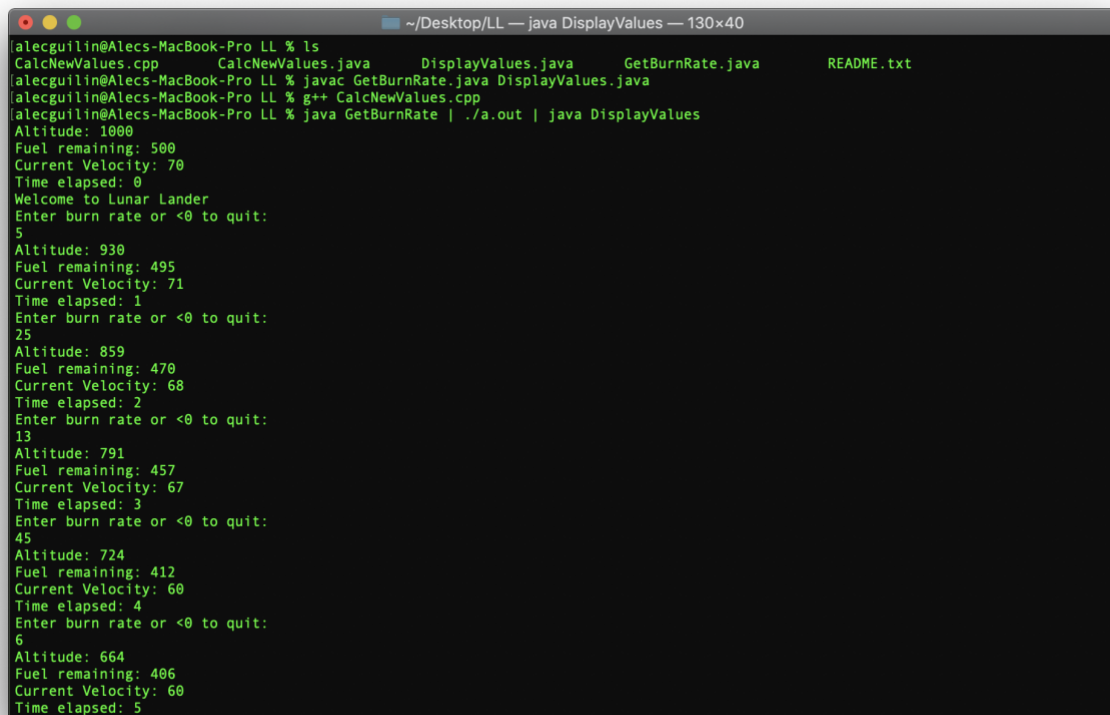Alec Guilin
20 November 2019
CS 441

Assignment 4 Individual Portion

Pipe-And-Filter: This architecture consists of components that act as filters that transform the data before passing it on via pipes or connectors to other components. In this assignment, we demonstrate this by using two java files and one c++ file. Once all of the files are compiled, we can then run all 3 programs together using the pipe and filter architecture by running each program separated by a '|'. This allows the output of one program to be used as the input of the next program.

to compile:

javac GetBurnRate.java DisplayValues.java
g++ CalcNewValues.cpp

to run:

java GetBurnRate | ./a.out | java DisplayValues