

Summit Singh Thakur

st866@drexel.edu

17 March 2017

CS-171-C, Lab Section 065

Homework 5 System Manual

System Manual

- `reportStatus()` - function to output status of the craft to file
- `updateStatus()` - function to update status of the craft
- `introduction()` - function to replace "\$SPACECRAFT" with "APOLLO"
- `touchdown()` - function to calculate the touchdown time
- `finalAnalysis()` - function to print file analysis
- `main()` - ask the user if the user wants to see the instructions, ask the user if he/she wants to output the logs, opens input file for the program instructions, opens output file, calls introduction function and replace "\$SPACECRAFT" with "APOLLO", calls `reportStatus` function, calls `updateStatus` function, calls `touchdown` function, calls `finalAnalysis` function, close file