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CS31

Project 2 Report

a. My biggest struggle in this project was actually running the g++ with Linux compiler. For some reason, it worked perfectly fine with the last project but did not work properly on this one. After multiple attempts, I finally just recopied the file to my Desktop, and then the compiler worked properly again.

b.

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| Reason | Input |
| Negative age inputted to prompt age error message | -8 |
| Something other than ‘y’ or ‘n’ inputted to prompt student status error message | 8, w |
| No destination inputted to prompt destination error message | 8, n, “” |
| Negative boundaries crossed to prompt boundary error message | 8, n, Hollywood, -3 |
| Valid input of student minor with 2 boundaries to check that fare is calculated correctly | 6, y, Hollywood, 2 |
| Valid input of student minor with 1 boundary to check that fare is calculated correctly | 17, y, Hollywood, 1 |
| Valid input of student adult with 4 boundaries to check that fare is calculated correctly | 18, y, Hollywood, 4 |
| Valid input of student adult with 0 boundaries to check that fare is calculated correctly | 64, y, Hollywood, 0 |
| Valid input of non student adult with 6 boundaries to check that fare is calculated correct | 22, n, Hollywood, 6 |
| Valid input of non student adult with 1 boundary to check that fare is calculated correct | 35, n, Hollywood, 1 |
| Valid input of non student minor with 2 boundaries to check that fare is calculated correctly | 8, n, Hollywood, 2 |
| Valid input of non student minor with 1 boundary to check that fare is calculated correctly | 11, n, Hollywood, 1 |
| Valid input of student senior with 6 boundaries to check that fare is calculated correctly | 87, y, Hollywood, 6 |
| Valid input of student senior with 1 boundary to check that fare is calculated correctly | 97, y, Hollywood, 1 |
| Valid input of non student senior with 2 boundaries to check that fare is calculated correctly | 65, n, Hollywood, 4 |
| Valid input of non student senior with 1 boundary to check that fare is calculated correctly | 72, n, Hollywood, 1 |