

CPSC 223C Project 1 – diff (from ed), due Wednesday, 20 Mar 2019

Your name and company name: Yu Jie Li

Repository <https://github.com/JackLi64842> / diff

Verify each of the following items with a corresponding checkmark. Incorrect items will incur a 5% penalty on the grade.

| Complete | Incomplete | diff |
|-------------------------------------|-------------------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Researched <code>diff</code> on the Unix man page (type <code>man diff</code>) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Researched <code>diff</code> on (wikipedia https://en.wikipedia.org/wiki/Diff) |
| | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Researched <code>regex</code> (regular expressions), and have experimented with using them in <code>ed</code> . |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <code>diff -v</code> aka <code>--version</code> (prints version, license, and author (you)) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <code>diff -q</code> aka <code>--brief</code> (reports only whether files are different; silent if they are not) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <code>diff -s</code> aka <code>--report-identical-files</code> (reports if files are the same; usual out if they are not) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <code>diff file1 file2</code> aka <code>--normal</code> (default behavior) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <code>diff -y</code> aka <code>--side-by-side</code> (side by side format && prints common lines) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <code>diff -y --left-column</code> (... , prints only the left column of common lines) |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <code>diff -y --suppress-common-lines ...</code> (side-by-side but doesn't show common lines) |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <code>diff -c NUM</code> aka <code>--context=NUM</code> (shows NUM default 3 lines of copied context) |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <code>diff -u NUM</code> aka <code>--unified=NUM</code> (shows NUM default 3 lines of unified context) |
| <input type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Used a header file to prototype all functions in <code>diff.h</code> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Project directory pushed to new GitHub repository listed above using GitHub client. |

Your comments