

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

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Repository [https://github.com/](https://github.com/amulrichsen)amulrichsen[/223FinalProject](https://github.com/223FinalProject)

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 and on wikipedia
<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 -s -q</code> reports identical with identical files, and different with different files (i.e., it never shows usual output of lines that are different)
<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> prints common paras unless <code>--suppress-common-lines</code> is set It shows a ' <code><</code> ' / ' <code>></code> ' for left/right-hand side, nothing for common paragraphs, except a ' <code> </code> ' for any lines that are different in the common paragraphs.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<code>diff -y --left-column</code> (... , prints only the left column of common lines), with ' <code>(</code> ' to remind that there is a common right-hand paragraph). (' <code> </code> ' is shown for differing lines)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<code>diff -y --suppress-common-lines ...</code> (side-by-side but doesn't show common lines) lines in a common paragraph that differ are shown, along with a ' <code> </code> '
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<code>diff -c NUM</code> aka <code>--context=NUM</code> , (default 3 lines of copied context) *** l 2019-05-11 22:51:24.000000000 -0700 (files are l and r) --- r 2019-05-11 22:51:40.000000000 -0700 ***** *** 1,3 *** (lines of context, *** for left file, --- for right file) --- 1,9 ---- + This is an important (+ means add, - means delete, means different) + notice! It should + therefore be located at + the beginning of this + document! +
<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) --- /path/to/original timestamp +++ /path/to/new timestamp @@ -1,3 +1,9 @@ +This is an important +notice! It should +therefore be located at +the beginning of this +document
<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