#### Midterm – Git Merge Conflict: 3-way Merge

# Assignment Goal:

This assignment will familiarize you with git merge conflicts and their resolutions using a 3-way-merge.

The major steps in this assignment are:

* adding a new branch with one commit
* adding a commit to the master that modifies the same portion of of a file that was modified in the branch
* merging the branch into master resulting in a conflict
* resolving the merge conflict using the 3-way-merge

**Resolution Screenshots:**

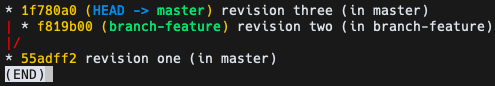
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Figure 1: GIT\_VISUALIZATION\_ALL\_BRANCHES after completing Step 3

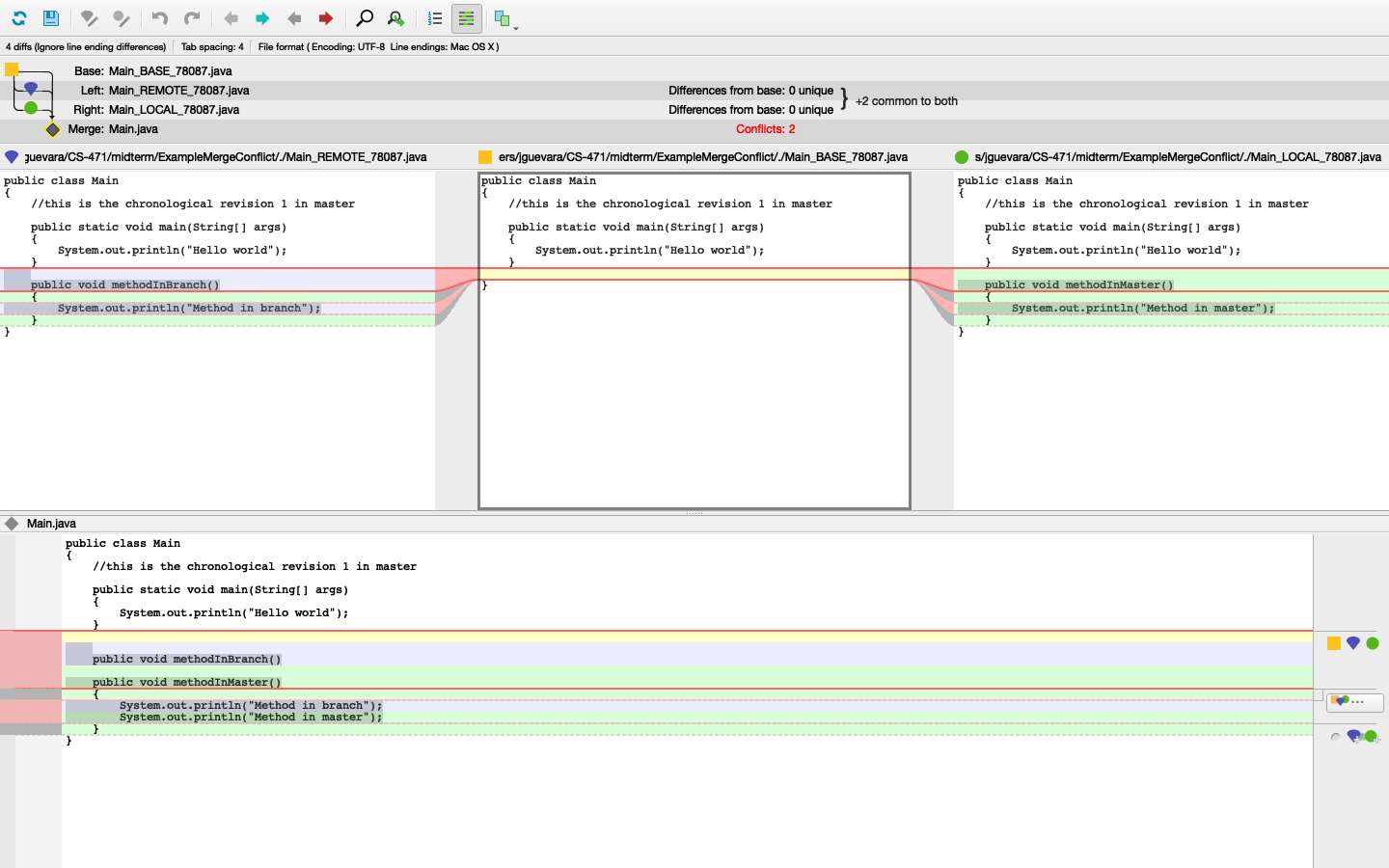


Figure 2: GIT\_MERGE\_CONFLICT\_VISUALIZATION after completing Step 5

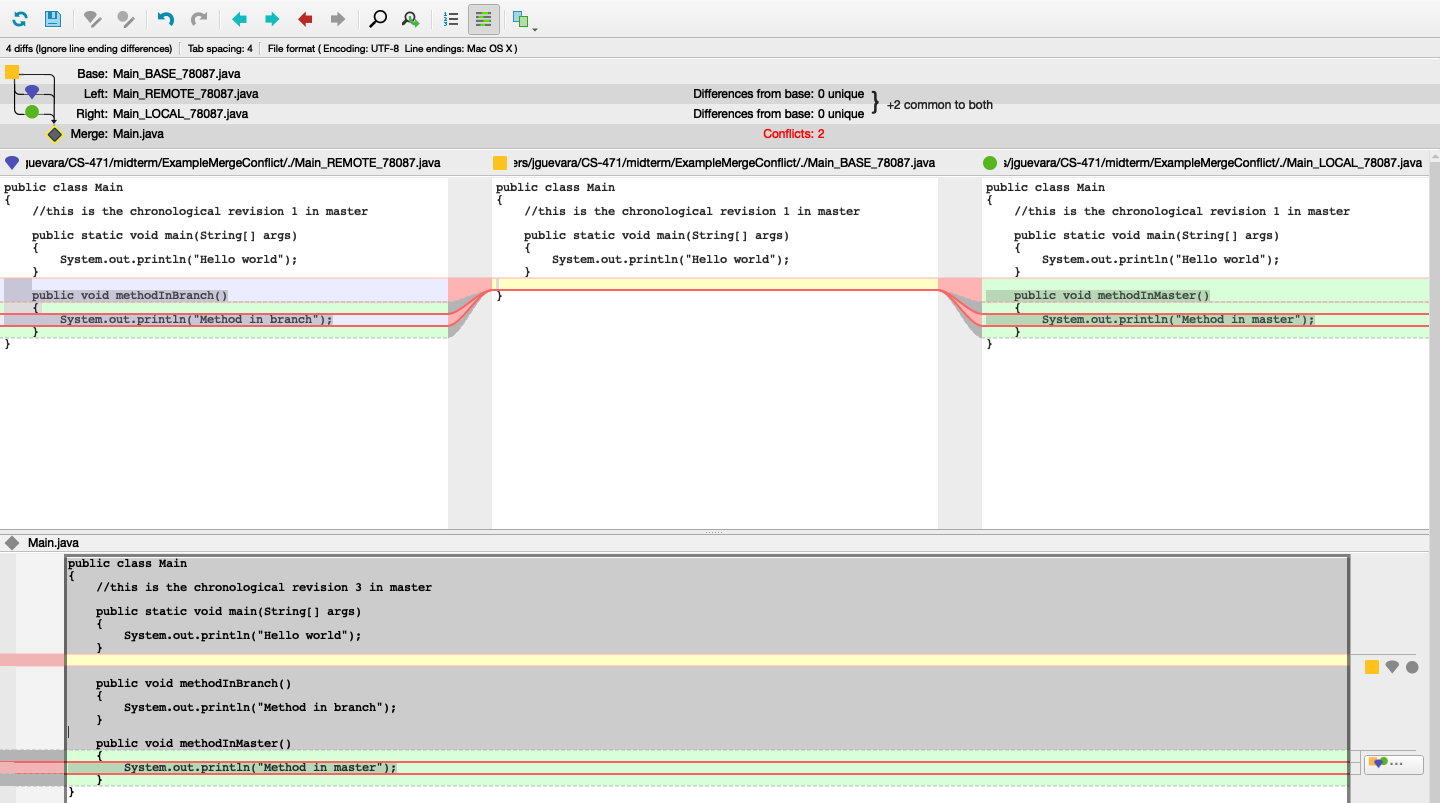
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Figure 3: GIT\_MERGE\_CONFLICT\_VISUALIZATION after completing Step 6

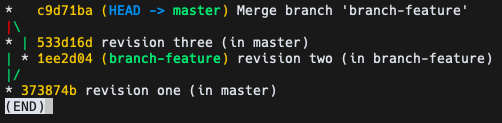
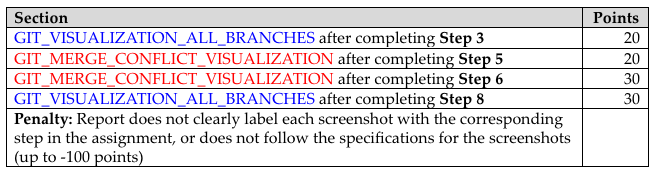


Figure 4: GIT\_VISUALIZATION\_ALL\_BRANCHES after completing Step 8

**Grading Rubric:**