



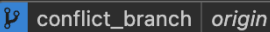
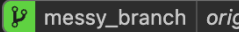
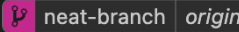

## Task 1: Fast-Forward Merge

They are both fast forward merges because they didn't have any conflicts and there were no divergent commits between the two branches.

## Task 2: Conflicts

2b. Merge conflicts occur when two people make different changes to the same part of a file in separate branches. One example of this would be if a developer was working in the develop branch and changed the title of the document. If a developer working in the conflict\_branch then also changed the title of the document and then merged from the develop branch into the conflict\_branch, this would cause a merge conflict, and they would have to manually decide what to do. In our scenario we decided to accept both changes.

2c. A merge conflict will not occur if changes are made to multiple parts of the same file in different branches. One example of this would be if a developer working in the develop branch added a header towards the top of the html file, and someone working in the conflict\_branch added something to the end of the file. If they then pulled develop branch changes into their own branch, there would be no conflicts or resolution needed.

Graph	Description	Date	Author	Commit
	  Merge bra...	26 Feb 2025...	NinaMohs	ef8f6b31
	non-conflicting change from develop branch	26 Feb 2025...	NinaMohs	39a2f239
	make a non-conflicting change in conflict_branch	26 Feb 2025...	NinaMohs	abf7dcd3
	solved merge conflict between conflict_branch and develop br...	26 Feb 2025...	NinaMohs	eeee992c
	changed title from conflict branch	26 Feb 2025...	NinaMohs	23d6f280
	changed title from develop branch	26 Feb 2025...	NinaMohs	b4b7f42d
	Merging Messy_Branch into development branch after a few c...	26 Feb 2025...	NinaMohs4	f17609a1
	 second commit from messy branch	26 Feb 2025...	NinaMohs	444696d8
	first commit from messy branch	26 Feb 2025...	NinaMohs	2ced7afc
	Merge Neat-Branch into develop branch	26 Feb 2025...	NinaMohs4	37dffffa
	 Wrapping up	26 Feb 2025...	NinaMohs	474c9d52
	first commit on neat branch	26 Feb 2025...	NinaMohs	2079b65b
	initial commit	26 Feb 2025...	NinaMohs	182a0698
	 starter html file	26 Feb 2025...	NinaMohs	f33054a6