Prerequisites

- You should have made the necessary changes cited in the task's step-by-step guide

What is a patch file

- You should know by now that git is a way for developers to manage code in a project especially if there's other developers collaborating in that project too.

- A git **patch** file is just a file that you can **apply** to a repository to get the changes / modifications / additions another developer did on his / her machine onto your local machine. This isn't the only way to do that of course but this is a viable method if you don't have push access to a repository

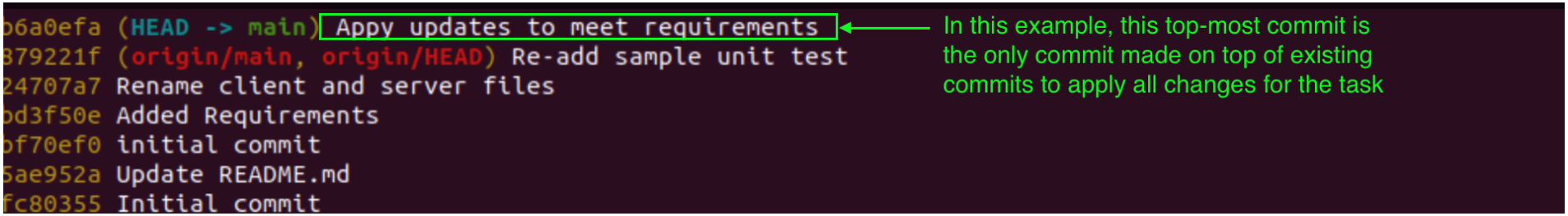
How to make a patch file

Scenario 1: You only made one commit for all the required changes

- Fire up a terminal, enter the repository via the terminal you opened (*via the **cd** <repo_name_here> aka change directory command*) and run the command below

  git format-patch -1 HEAD

- After executing the command, a .patch file will be produced in the directory where you executed the command. You will upload this as your submission to the task



Scenario 2: You made multiple commits for all the required changes

- Fire up a terminal, enter the repository via the terminal you opened (*via the **cd** <repo_name_here> aka change directory command*) and run the command below

  git format-patch -n –stdout > multi_commit.patch

  *note: the **n** in **-n** must be replaced with a number which represents the number of commits you made for the task. So the real command if you made 4 commits on top of the old commits should be*

  git format-patch -4 --stdout > multi_commit.patch

- After executing the command, a .patch file will be produced in the directory where you executed the command. You will upload this as your submission to the task