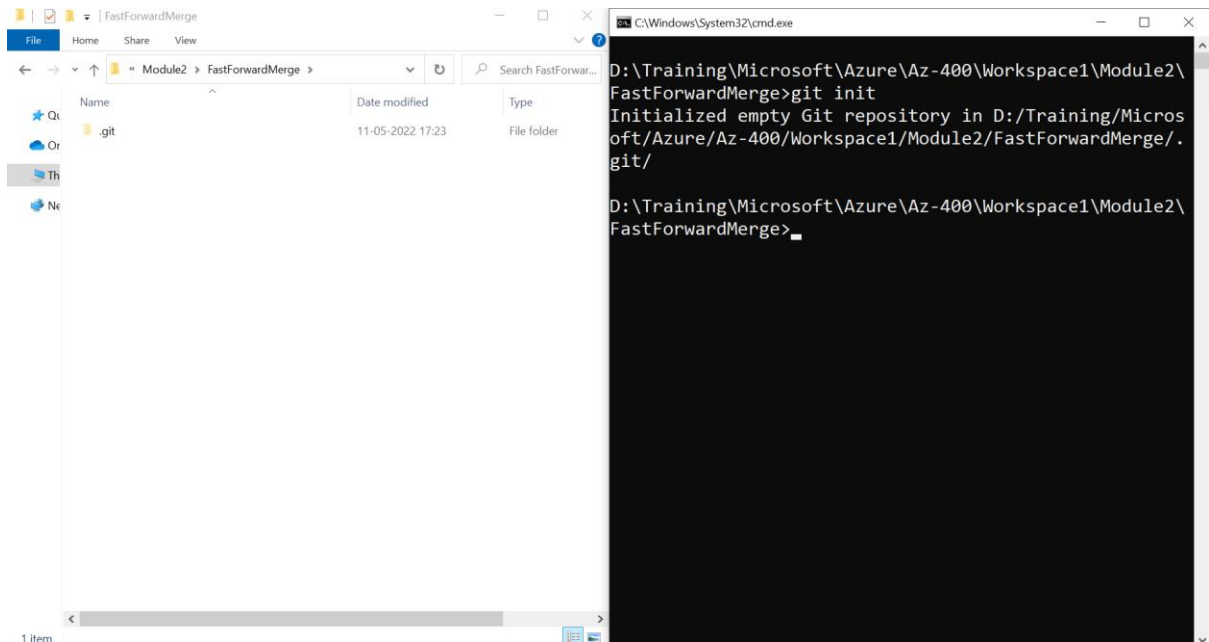


What is Fast Forward Merge?

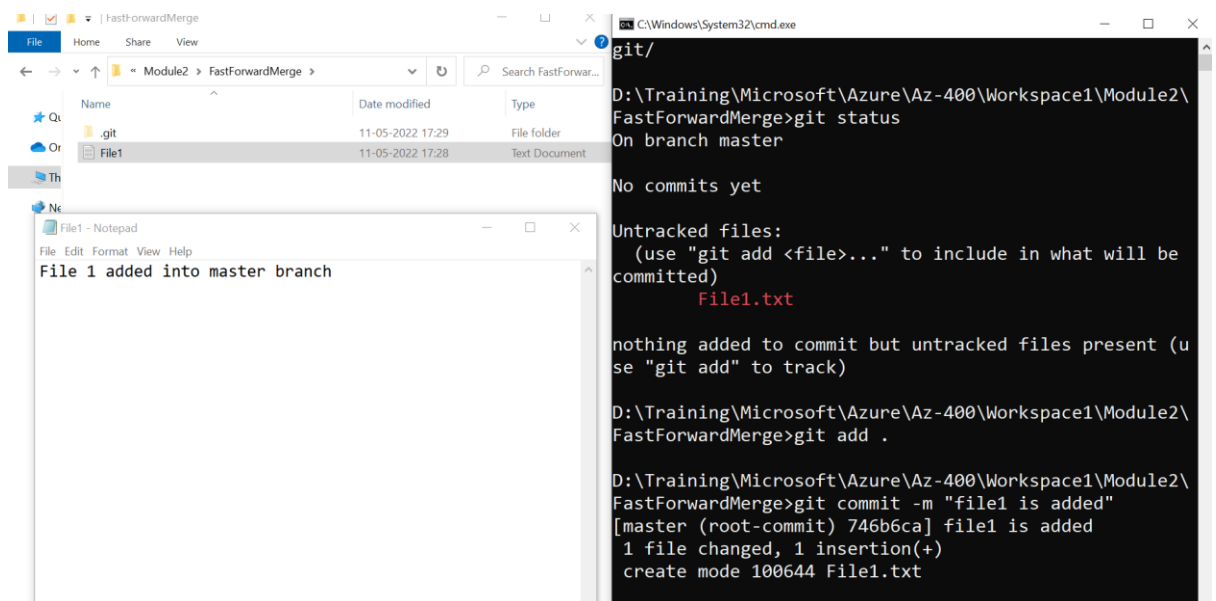
Fast forward merge can be performed when there is a direct linear path from the source branch to the target branch. In fast-forward merge, git simply moves the source branch pointer to the target branch pointer without creating an extra merge commit.

1. Initialised empty git repository

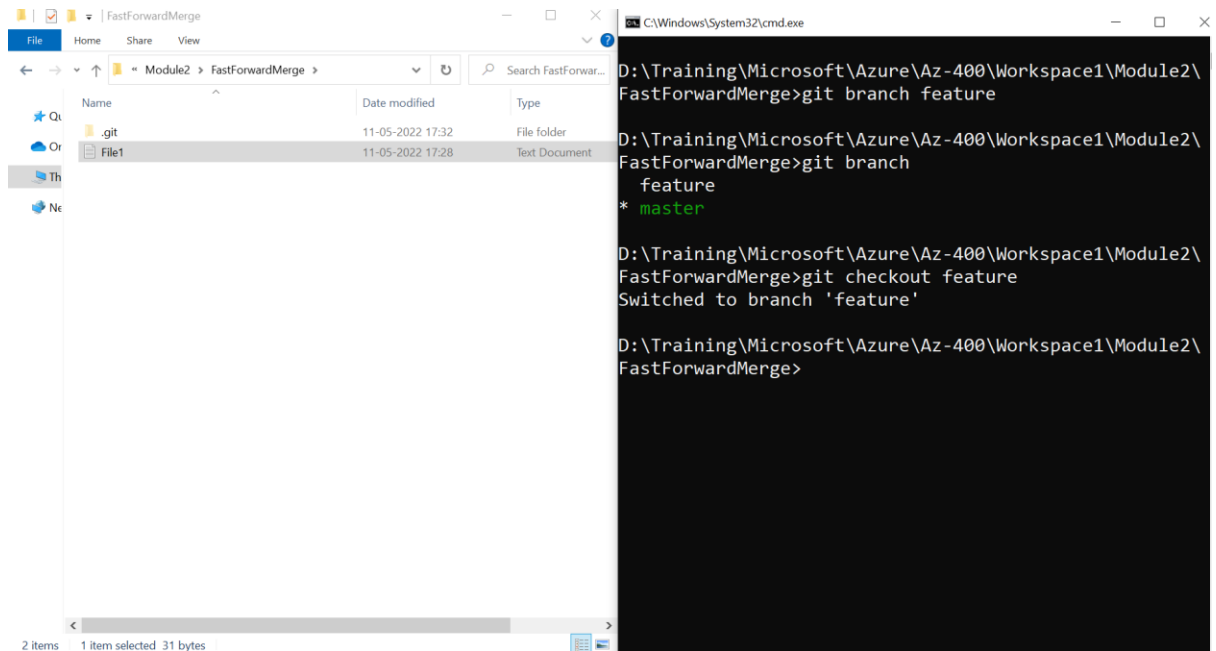


2. Add File1.txt to folder

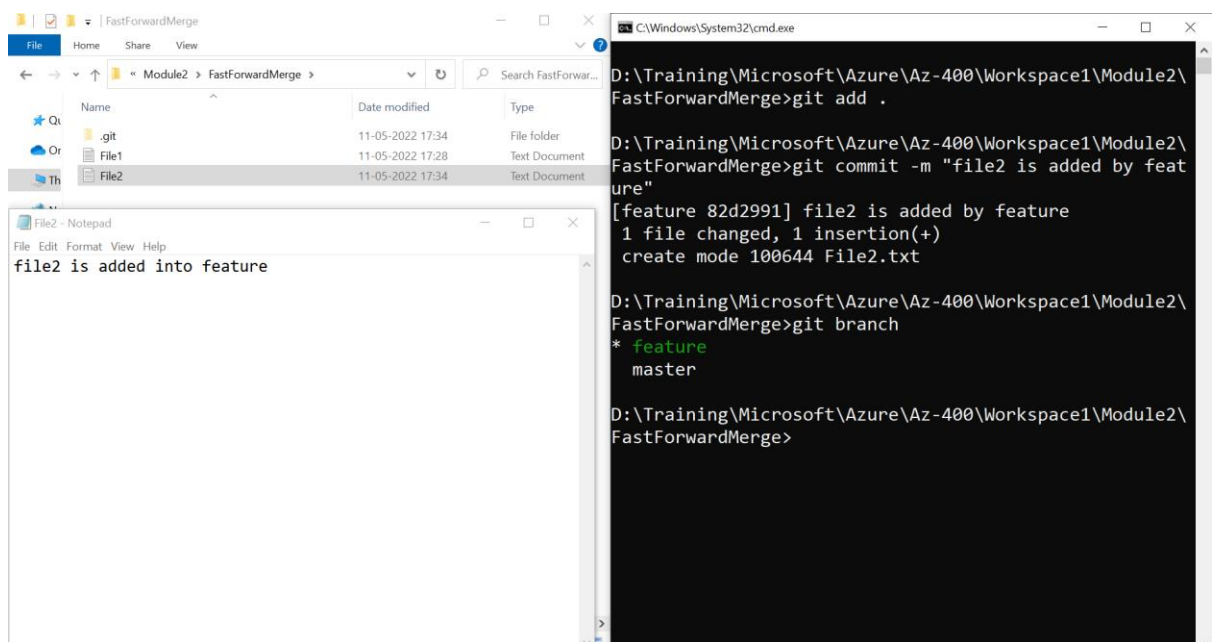
3. Add file to staging directory and commit it to local directory\



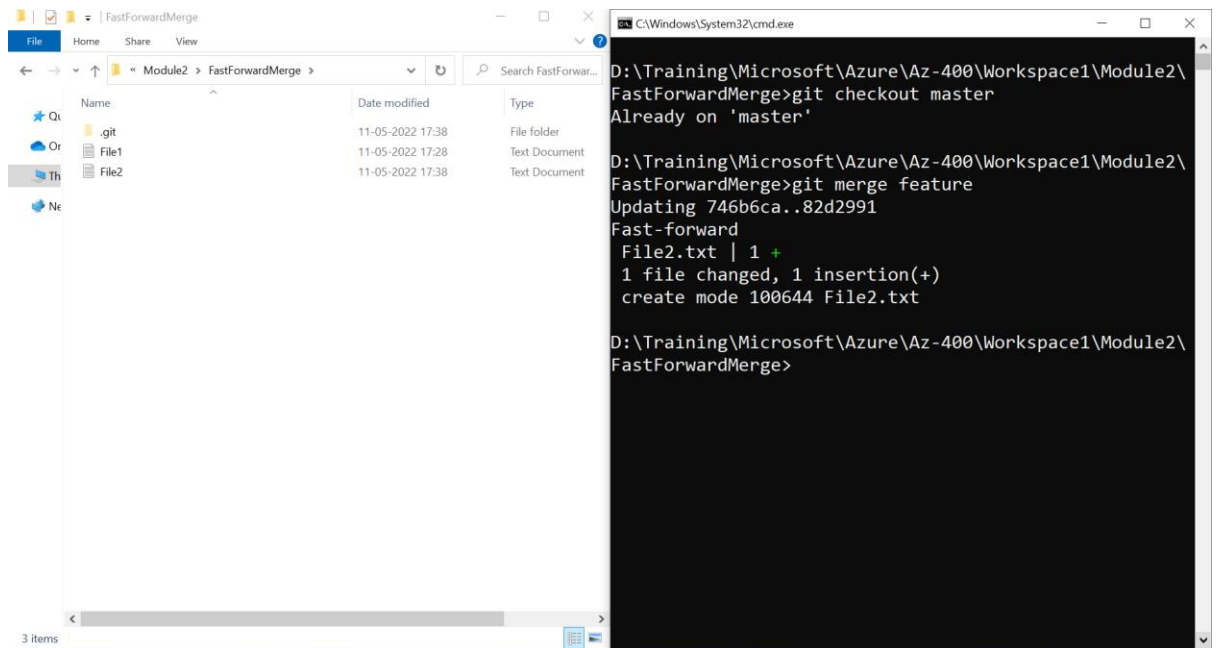
4. Create feature branch and checkout the branch



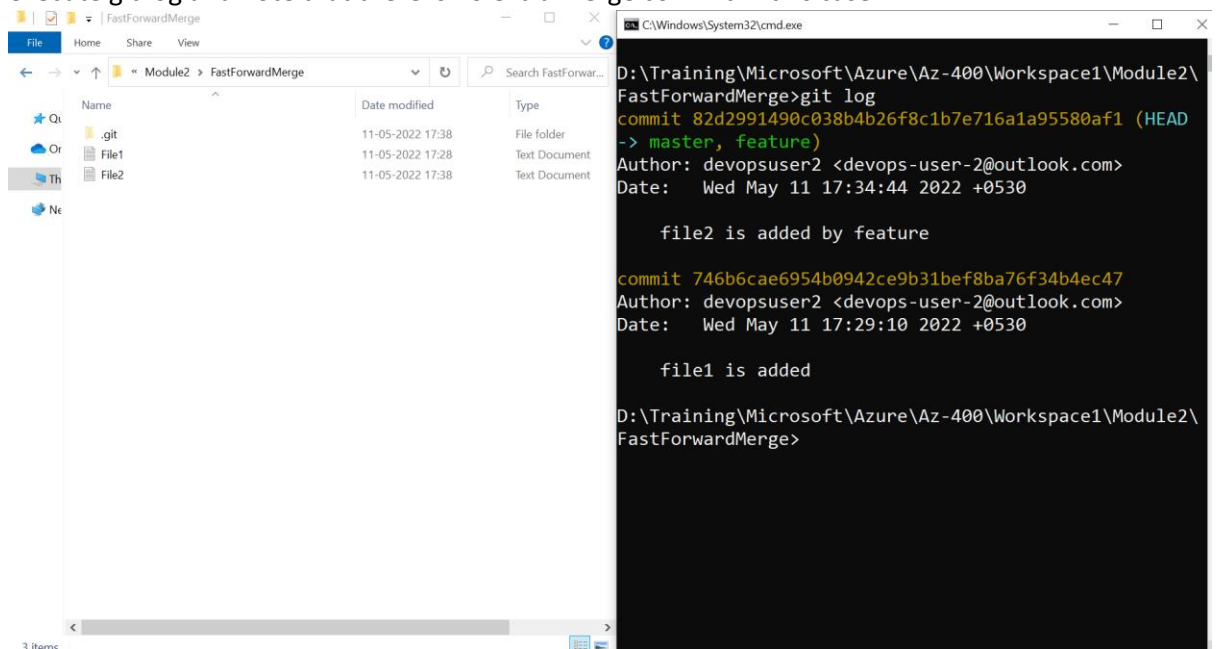
5. Add file2 inside the folder (into feature branch) → stage it → commit it



6. checkout master branch → merge feature branch to master → notice merge happens by fast forward



7. execute git log and note that there is no extra merge commit in this case



8. Execute git log --graph and note that there will be one straight line

