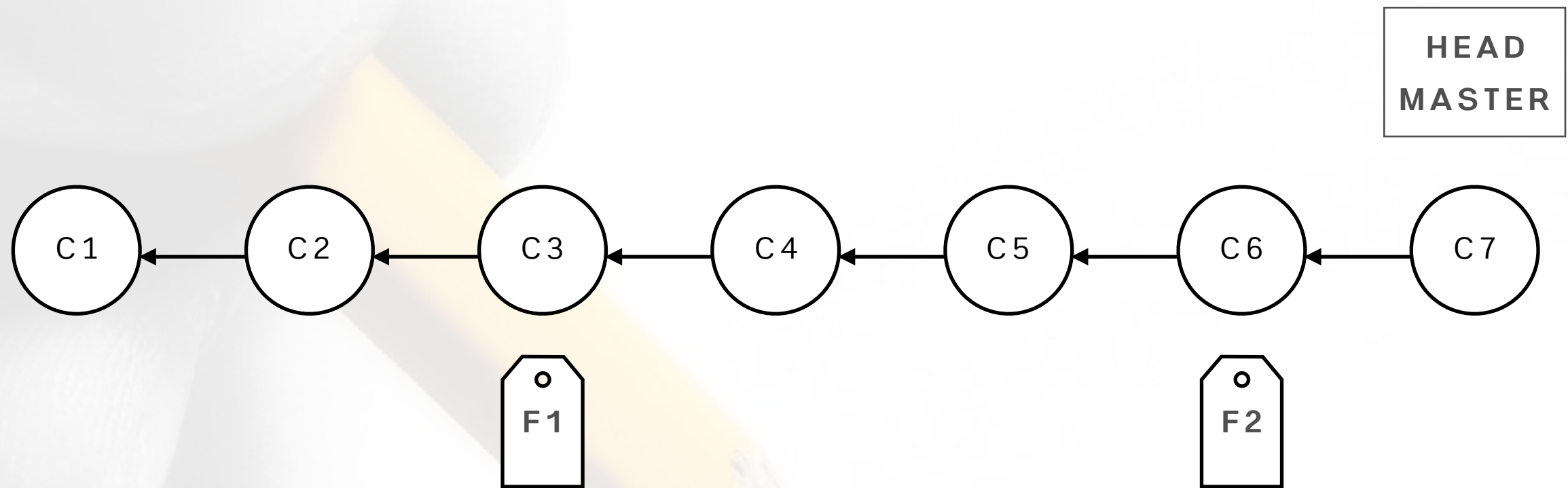




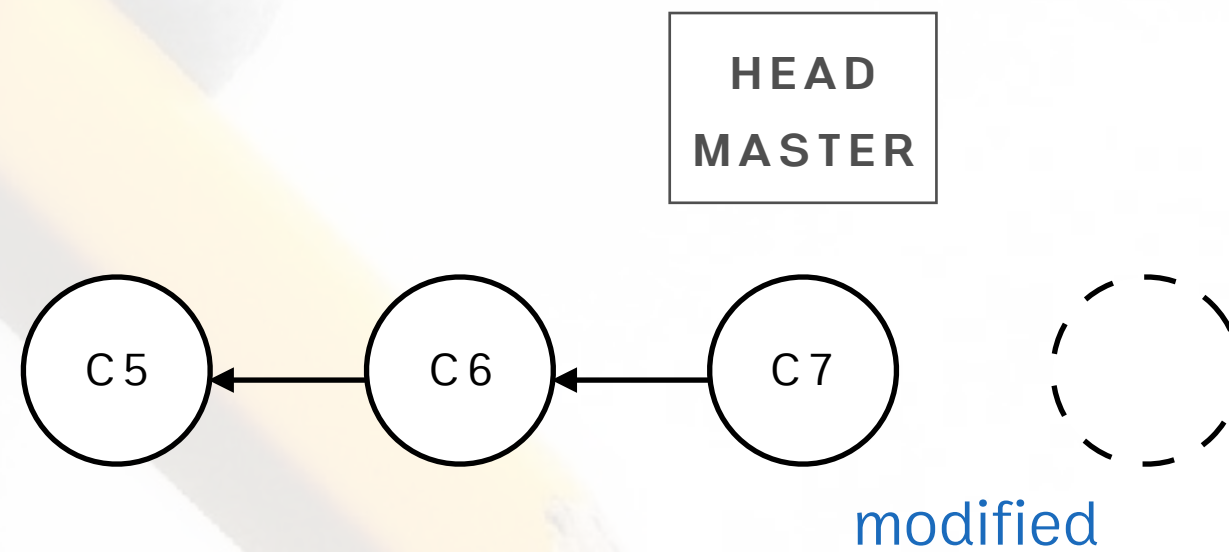
The diagram shows a sequence of code stacks connected by arrows. A light blue arrow points from the top-left stack to the middle-left stack. A red arrow points from the top-left stack to the top-middle stack. A red arrow points from the top-middle stack to the middle-right stack. A light blue arrow points from the middle-left stack to the middle-right stack. A yellow arrow points from the middle-left stack to the bottom-middle stack. A yellow arrow points from the bottom-middle stack to the bottom-right stack. A red arrow points from the bottom-right stack back to the top-left stack, completing a cycle.

Step back before commit

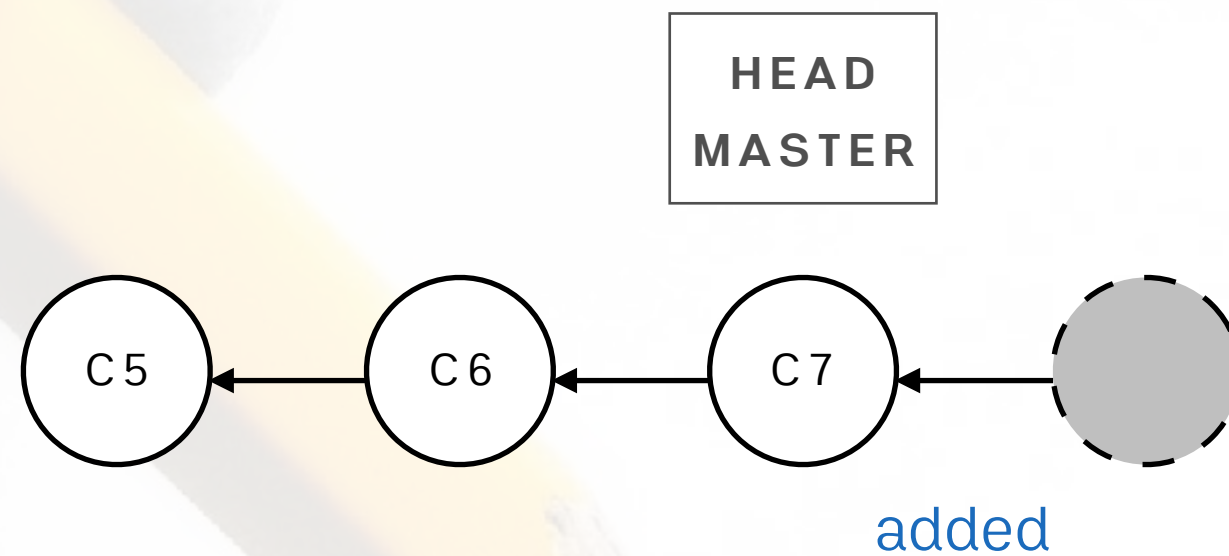
GIT TREE



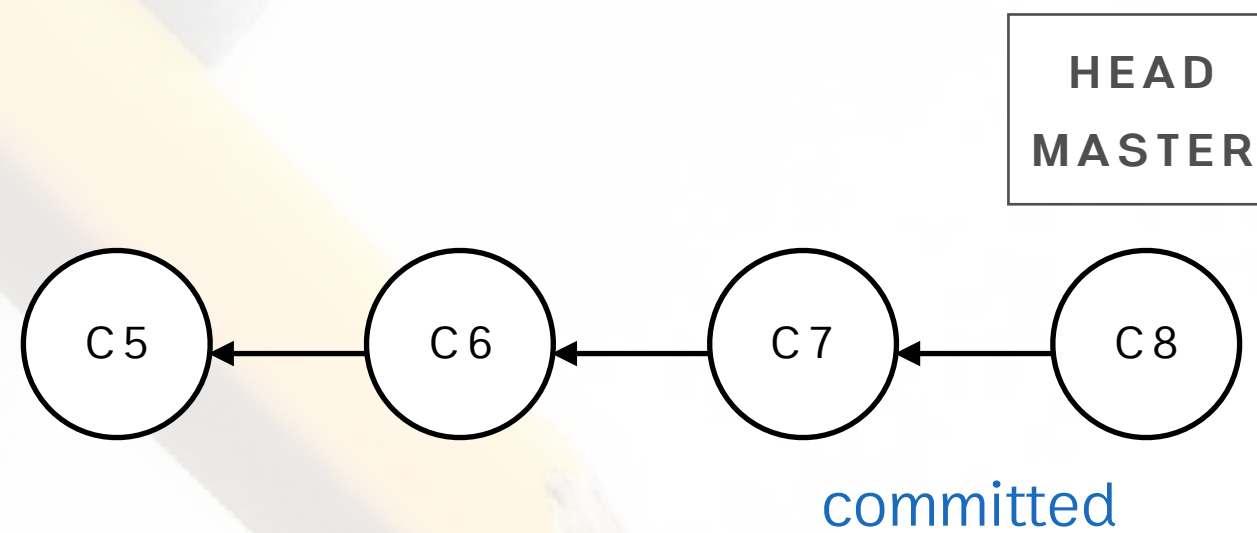
MODIFY



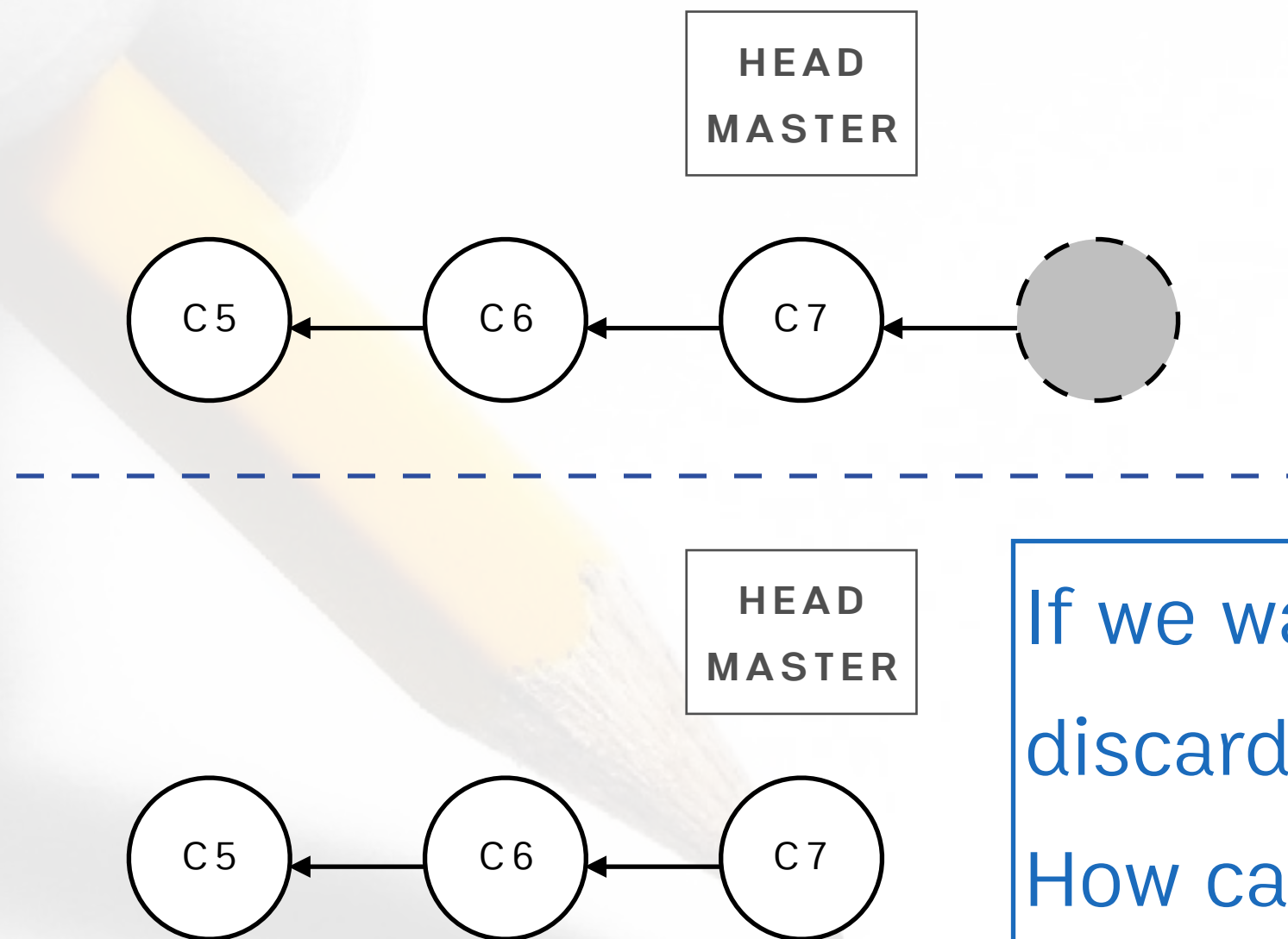
GIT ADD



GIT COMMIT



SENARIO 01



If we want to
discard changes.
How can we step
back to C7

COMMAND

git checkout -- <filename>

git checkout -- .

git reset HEAD <filename>

git reset --mixed HEAD <filename>

Step

clean workspace

modify file

modified file

add file

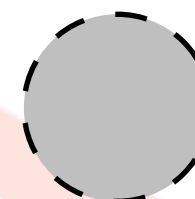
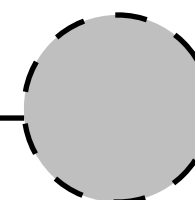
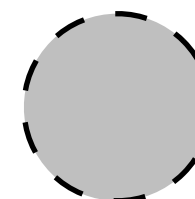
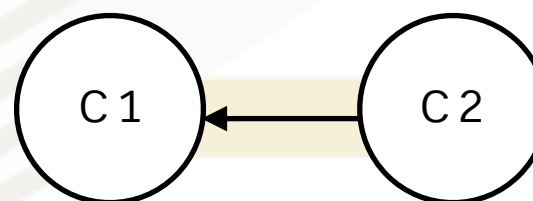
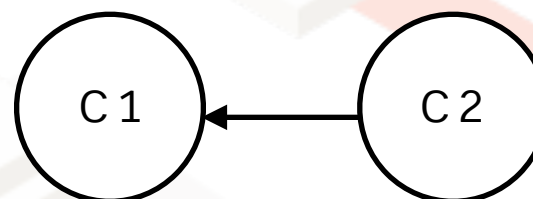
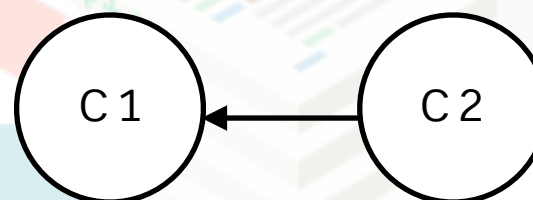
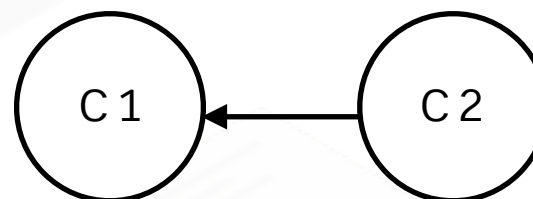
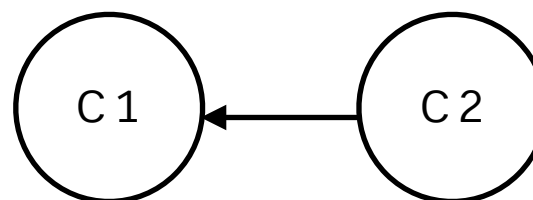
added file

reset file

modified file

checkout file

clean workspace



EXERCISE

Go to your repository

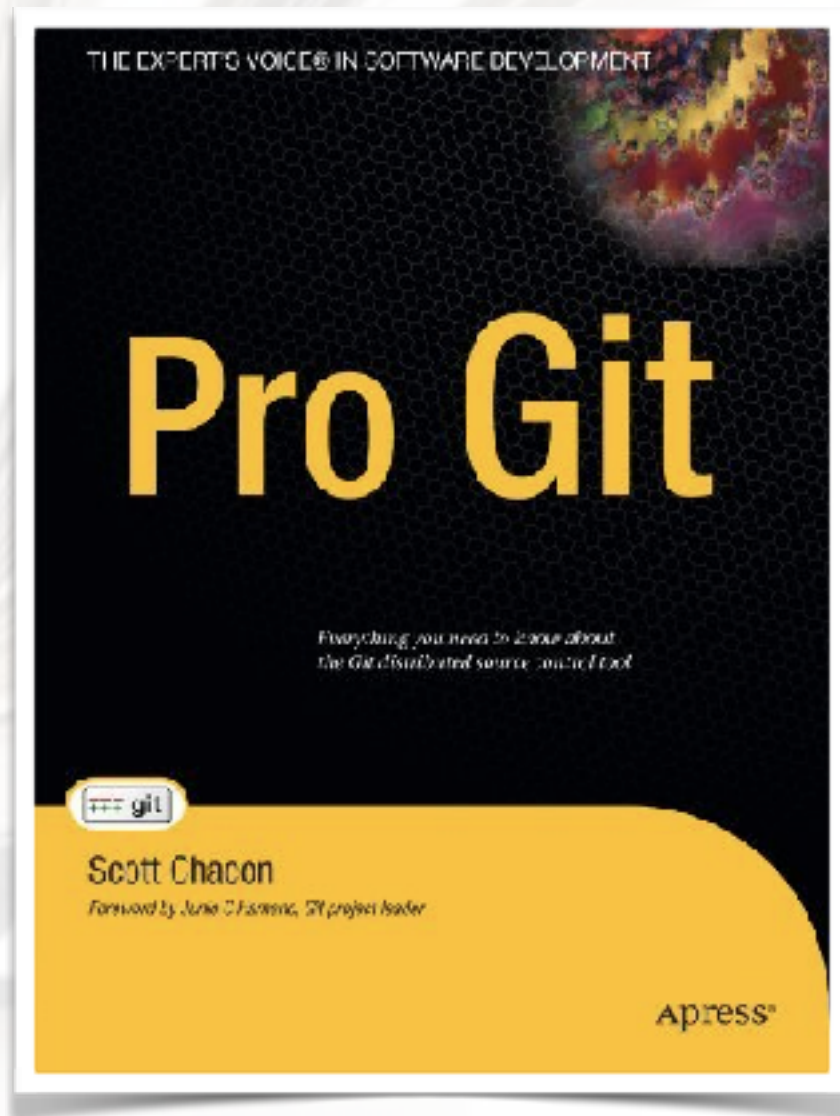
clean your workspace

modify a target file

staging the changes [git add <filename>]

step back to the clean workspace

Books to Read and Practice



<http://www.git-scm.com/book/en/v2>



<http://shop.oreilly.com/product/0636920034520.do>