```
NINGW64:/c/Users/defaultuser/Desktop/oss_python_03
defaultuser@DESKTOP-AG8JFFH MINGW64 ~/Desktop/oss_python_03 (main)
$ git status
On branch main
Your branch is ahead of 'origin/main' by 1 commit. (use "git push" to publish your local commits)
nothing to commit, working tree clean
defaultuser@DESKTOP-AG8JFFH MINGW64 ~/Desktop/oss_python_03 (main)
$ git reset --mix HEAD^
Unstaged changes after reset:
        figure.py
         figure_main.py
defaultuser@DESKTOP-AG8JFFH MINGW64 ~/Desktop/oss_python_03 (main)
$ git switch hw5
Switched to branch 'hw5'
        figure.py
figure_main.py
defaultuser@DESKTOP-AG8JFFH MINGW64 ~/Desktop/oss_python_03 (hw5)
$ git status
On branch hw5
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
(use "git restore <file>..." to discard changes in working directory)
                      figure.py
figure_main.py
         modified:
no changes added to commit (use "git add" and/or "git commit -a")
defaultuser@DESKTOP-AG8JFFH MINGW64 ~/Desktop/oss_python_03 (hw5)
$ git add figure.py figure_main.py
defaultuser@DESKTOP-AG8JFFH MINGW64 ~/Desktop/oss_python_03 (hw5)
$ git commit -m 'implement hw5'
[hw5 159a543] implement hw5
2 files changed, 35 insertions(+), 22 deletions(-)
defaultuser@DESKTOP-AG8JFFH MINGW64 ~/Desktop/oss_python_03 (hw5)
$ git switch main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
defaultuser@DESKTOP-AG8JFFH MINGW64 ~/Desktop/oss_python_03 (main)
$ git merge hw5
Updating a82af4e..159a543
Fast-forward
figure.py
                    31 +++++++++++++++
 figure_main.py | 26 ++++++++++++++++
 2 files changed, 35 insertions(+), 22 deletions(-)
defaultuser@DESKTOP-AG8JFFH MINGW64 ~/Desktop/oss_python_03 (main)
$ |
```