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Owner@LAPTOP-QA097DHK MINGW64 ~/Desktop/my_git/cau_oss_python_03 (main)
$ git branch -l
* main

Owner@LAPTOP-QA097DHK MINGW64 ~/Desktop/my_git/cau_oss_python_03 (main)
$ git branch hw5

Owner@LAPTOP-QA097DHK MINGW64 ~/Desktop/my_git/cau_oss_python_03 (main)
$ git branch -l
hw5
* main

Owner@LAPTOP-QA097DHK MINGW64 ~/Desktop/my_git/cau_oss_python_03 (main)
$ git switch
fatal: missing branch or commit argument

Owner@LAPTOP-QA097DHK MINGW64 ~/Desktop/my_git/cau_oss_python_03 (main)
$ git switch hw5
Switched to branch 'hw5'

Owner@LAPTOP-QA097DHK MINGW64 ~/Desktop/my_git/cau_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)
    modified:   figure_main.py

no changes added to commit (use "git add" and/or "git commit -a")

Owner@LAPTOP-QA097DHK MINGW64 ~/Desktop/my_git/cau_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)
    modified:   figure_main.py

no changes added to commit (use "git add" and/or "git commit -a")

Owner@LAPTOP-QA097DHK MINGW64 ~/Desktop/my_git/cau_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)
    modified:   figure.py
    modified:   figure_main.py

no changes added to commit (use "git add" and/or "git commit -a")

Owner@LAPTOP-QA097DHK MINGW64 ~/Desktop/my_git/cau_oss_python_03 (hw5)
$ git add figure.py figure_main.py
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Owner@LAPTOP-QA097DHK MINGW64 ~/Desktop/my_git/cau_oss_python_03 (hw5)
$ git add figure.py figure_main.py

Owner@LAPTOP-QA097DHK MINGW64 ~/Desktop/my_git/cau_oss_python_03 (hw5)
$ git commit -m 'implement hw5'
[hw5 5366795] implement hw5
 2 files changed, 41 insertions(+), 21 deletions(-)

Owner@LAPTOP-QA097DHK MINGW64 ~/Desktop/my_git/cau_oss_python_03 (hw5)
$ git branch -l
* hw5
  main

Owner@LAPTOP-QA097DHK MINGW64 ~/Desktop/my_git/cau_oss_python_03 (hw5)
$ git switch main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

Owner@LAPTOP-QA097DHK MINGW64 ~/Desktop/my_git/cau_oss_python_03 (main)
$ git merge hw5
Updating 80cfdcc..5366795
Fast-forward
 figure.py      | 30 ++++++-----
 figure_main.py | 32 ++++++-----
 2 files changed, 41 insertions(+), 21 deletions(-)

Owner@LAPTOP-QA097DHK MINGW64 ~/Desktop/my_git/cau_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
```