

MINGW64:/c/pythonhw/my\_git/cau\_oss\_python\_03

```
RENJIAHONG@DESKTOP-24JHKCR MINGW64 /c/pythonhw/my_git/cau_oss_python_03 (main)
$ git branch -l
* main

RENJIAHONG@DESKTOP-24JHKCR MINGW64 /c/pythonhw/my_git/cau_oss_python_03 (main)
$ git branch hw5

RENJIAHONG@DESKTOP-24JHKCR MINGW64 /c/pythonhw/my_git/cau_oss_python_03 (main)
$ git branch -l
hw5
* main

RENJIAHONG@DESKTOP-24JHKCR MINGW64 /c/pythonhw/my_git/cau_oss_python_03 (main)
$ git switch hw5
Switched to branch 'hw5'
```

Check the branch list, there only exist main , then download the whole git-file, through git branch hw5 to create a branch .

Check the branch list again, now we can see hw5 and main ,use git switch to switch to the hw5 branch where we can make our code on it

```
RENJIAHONG@DESKTOP-24JHKCR MINGW64 /c/pythonhw/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")

RENJIAHONG@DESKTOP-24JHKCR MINGW64 /c/pythonhw/my_git/cau_oss_python_03 (hw5)
$ git add figure.py figure_main.py

RENJIAHONG@DESKTOP-24JHKCR MINGW64 /c/pythonhw/my_git/cau_oss_python_03 (hw5)
$ git commit -m 'implement hw5'
[hw5 0ec9889] implement hw5
 2 files changed, 67 insertions(+), 21 deletions(-)
```

We modified the code of figure.py and figure\_main.py at hw5 branch(not at main!!!) , after the modifying, the git status can be the instruction for checking.

At hw5 branch ,add the two flie to the stage and commit it to the repository.

```
RENJIAHONG@DESKTOP-24JHKCR MINGW64 /c/pythonhw/my_git/cau_oss_python_03 (hw5)
$ git branch -l
* hw5
main

RENJIAHONG@DESKTOP-24JHKCR MINGW64 /c/pythonhw/my_git/cau_oss_python_03 (hw5)
$ git switch main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

RENJIAHONG@DESKTOP-24JHKCR MINGW64 /c/pythonhw/my_git/cau_oss_python_03 (main)
$ git merge hw5
Updating a8dc43e..0ec9889
Fast-forward
 figure.py      | 41 ++++++
 figure_main.py | 47 ++++++
 2 files changed, 67 insertions(+), 21 deletions(-)
```

Using git branch again to check where we are (at main area or hw5 branch)

Then it means that at hw5 branch,we finished our working , but we ought to update it to the main area. So from this step ,use git switch to switch back to the main area and use git merge to combine hw5 contents to the main area.