```
wjrkl@BOOK-QIQ8HB9OM7 MINGW64 ~/OneDrive/바탕 화면 /OSS_Python/my_git/cau_oss_pyt
hon_03 (main)
$ git branch -l
* main

wjrkl@BOOK-QIQ8HB9OM7 MINGW64 ~/OneDrive/바탕 화면 /OSS_Python/my_git/cau_oss_pyt
hon_03 (main)
$ git branch hw5

wjrkl@BOOK-QIQ8HB9OM7 MINGW64 ~/OneDrive/바탕 화면 /OSS_Python/my_git/cau_oss_pyt
hon_03 (main)
$ git branch -l
  hw5
* main

wjrkl@BOOK-QIQ8HB9OM7 MINGW64 ~/OneDrive/바탕 화면 /OSS_Python/my_git/cau_oss_pyt
hon_03 (main)
$ git switch hw5
Switched to branch 'hw5'

wjrkl@BOOK-QIQ8HB9OM7 MINGW64 ~/OneDrive/바탕 화면 /OSS_Python/my_git/cau_oss_pyt
hon_03 (hw5)
$
```
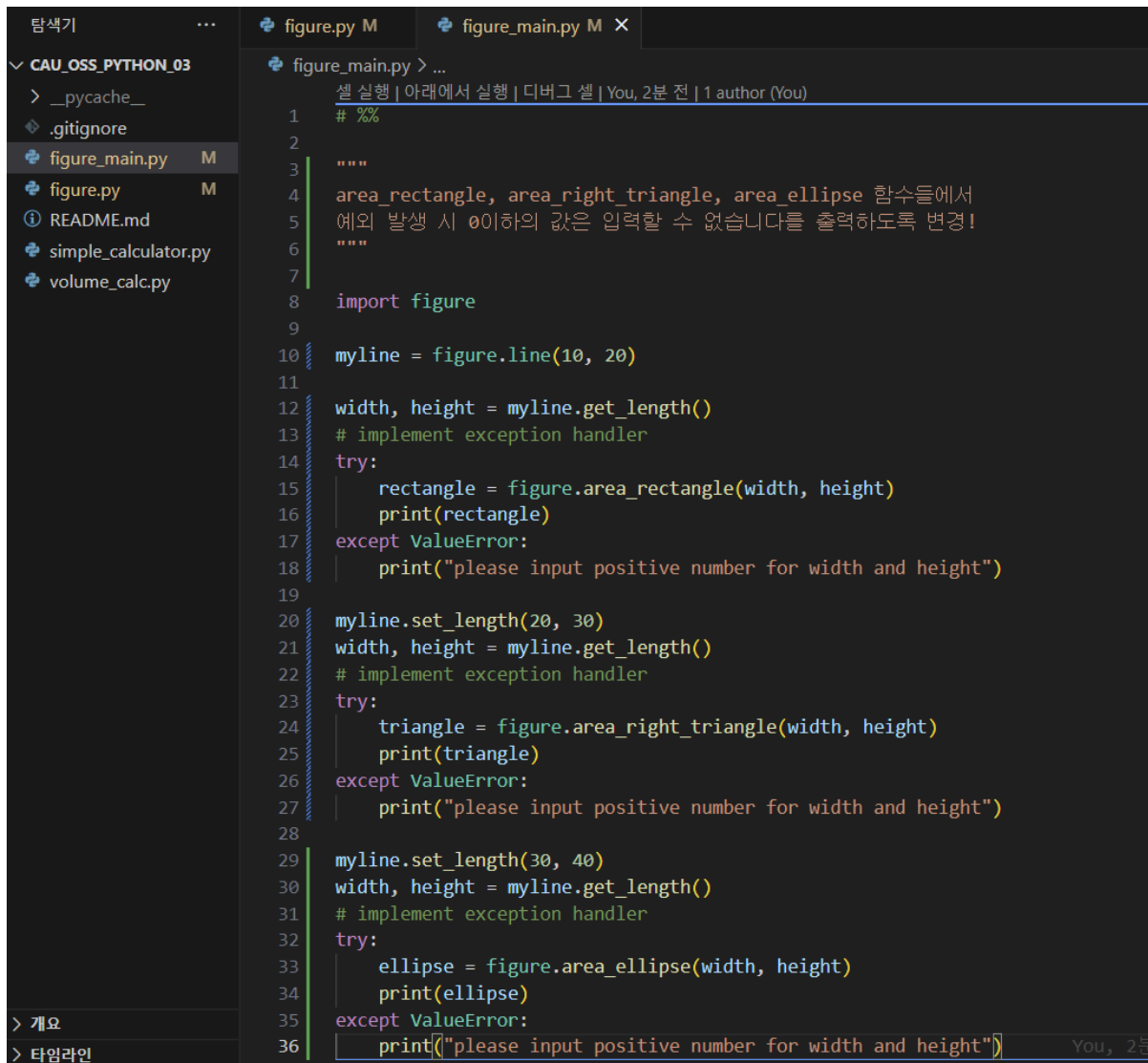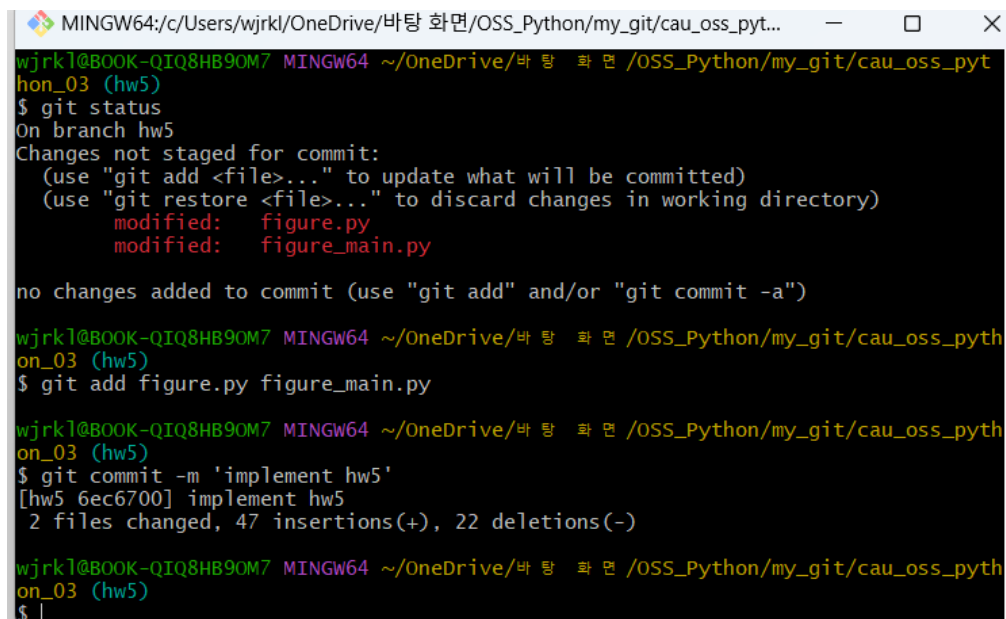


```python
import math


class line:
    __width = 0
    __height = 0
    def __init__(self, width, height):
        self.__width = width
        self.__height = height
    def set_length(self, width, height):
        self.__width = width
        self.__height = height
    def get_length(self):
        return self.__width, self.__height

def area_rectangle(width, height):
    if width <= 0 or height <= 0: raise ValueError
    return width * height
def area_ellipse(width, height):
    if width <= 0 or height <= 0: raise ValueError
    return width * height * math.pi
def area_right_triangle(width, height):
    if width <= 0 or height <= 0: raise ValueError
    return width * height / 2
```

탐색기 ···   figure.py M   figure_main.py M ✕

CAU_OSS_PYTHON_03
  > __pycache__
  ◈ .gitignore
  figure_main.py   M
  figure.py   M
  ⓘ README.md
  simple_calculator.py
  volume_calc.py

figure_main.py > ...
셸 실행 | 아래에서 실행 | 디버그 셸 | You, 2분 전 | 1 author (You)

```python
1  # %%
2
3  """
4  area_rectangle, area_right_triangle, area_ellipse 함수들에서
5  예외 발생 시 0이하의 값은 입력할 수 없습니다를 출력하도록 변경!
6  """
7
8  import figure
9
10 myline = figure.line(10, 20)
11
12 width, height = myline.get_length()
13 # implement exception handler
14 try:
15     rectangle = figure.area_rectangle(width, height)
16     print(rectangle)
17 except ValueError:
18     print("please input positive number for width and height")
19
20 myline.set_length(20, 30)
21 width, height = myline.get_length()
22 # implement exception handler
23 try:
24     triangle = figure.area_right_triangle(width, height)
25     print(triangle)
26 except ValueError:
27     print("please input positive number for width and height")
28
29 myline.set_length(30, 40)
30 width, height = myline.get_length()
31 # implement exception handler
32 try:
33     ellipse = figure.area_ellipse(width, height)
34     print(ellipse)
35 except ValueError:
36     print("please input positive number for width and height")
```
                                                                    You, 2분

> 개요
> 타임라인

MINGW64:/c/Users/wjrkl/OneDrive/바탕 화면/OSS_Python/my_git/cau_oss_pyt...   — ☐ ✕

```
wjrkl@BOOK-QIQ8HB9OM7 MINGW64 ~/OneDrive/바 탕  화 면 /OSS_Python/my_git/cau_oss_pyt
hon_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")

wjrkl@BOOK-QIQ8HB9OM7 MINGW64 ~/OneDrive/바 탕  화 면 /OSS_Python/my_git/cau_oss_pyth
on_03 (hw5)
$ git add figure.py figure_main.py

wjrkl@BOOK-QIQ8HB9OM7 MINGW64 ~/OneDrive/바 탕  화 면 /OSS_Python/my_git/cau_oss_pyth
on_03 (hw5)
$ git commit -m 'implement hw5'
[hw5 6ec6700] implement hw5
 2 files changed, 47 insertions(+), 22 deletions(-)

wjrkl@BOOK-QIQ8HB9OM7 MINGW64 ~/OneDrive/바 탕  화 면 /OSS_Python/my_git/cau_oss_pyth
on_03 (hw5)
$
```

```
wjrkl@BOOK-QIQ8HB9OM7 MINGW64 ~/OneDrive/바 탕  화 면 /OSS_Python/my_git/cau_oss_pyth
on_03 (hw5)
$ git branch -l
  hw5
  main

wjrkl@BOOK-QIQ8HB9OM7 MINGW64 ~/OneDrive/바 탕  화 면 /OSS_Python/my_git/cau_oss_pyth
on_03 (hw5)
$ git switch main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

wjrkl@BOOK-QIQ8HB9OM7 MINGW64 ~/OneDrive/바 탕  화 면 /OSS_Python/my_git/cau_oss_pyth
on_03 (main)
$ git merge hw5
Updating 4a1c11a..6ec6700
Fast-forward
 figure.py      | 30 +++++++++++++++++-----------
 figure_main.py | 39 +++++++++++++++++++++++++++----------
 2 files changed, 47 insertions(+), 22 deletions(-)

wjrkl@BOOK-QIQ8HB9OM7 MINGW64 ~/OneDrive/바 탕  화 면 /OSS_Python/my_git/cau_oss_pyth
on_03 (main)
$
```