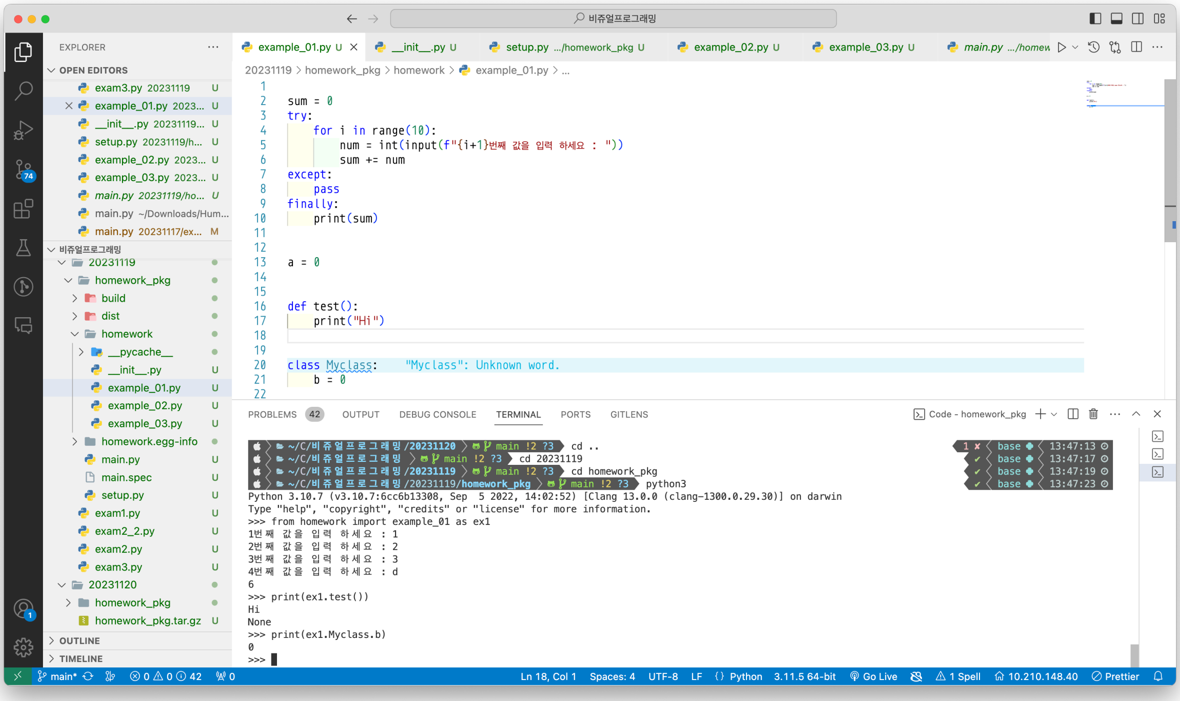
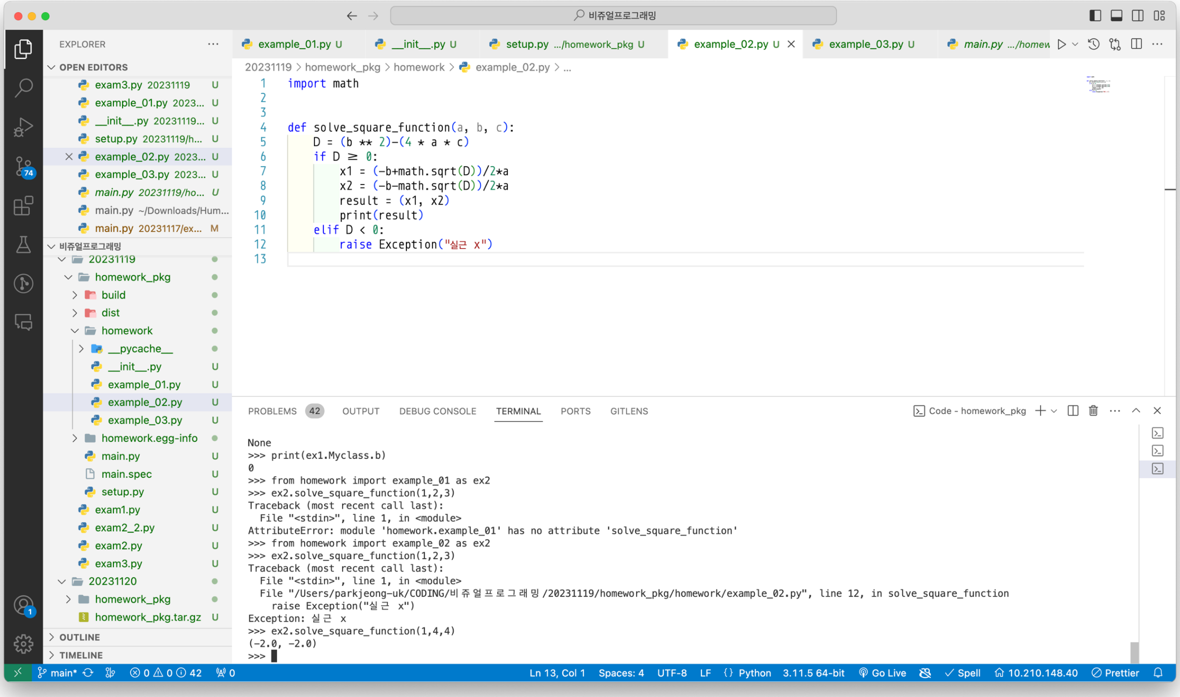
Example_01.py



```python

sum = 0
try:
    for i in range(10):
        num = int(input(f"{i+1}번째 값을 입력 하세요 : "))
        sum += num
except:
    pass
finally:
    print(sum)


a = 0


def test():
    print("Hi")


class Myclass:     "Myclass": Unknown word.
    b = 0

```

```
 ~/C/비쥬얼프로그래밍/20231120  main !2 ?3  cd ..                                  1 ✘  base  13:47:13
 ~/C/비쥬얼프로그래밍  main !2 ?3  cd 20231119                                        ✔  base  13:47:17
 ~/C/비쥬얼프로그래밍/20231119  main !2 ?3  cd homework_pkg                           ✔  base  13:47:19
 ~/C/비쥬얼프로그래밍/20231119/homework_pkg  main !2 ?3  python3                      ✔  base  13:47:23
Python 3.10.7 (v3.10.7:6cc6b13308, Sep  5 2022, 14:02:52) [Clang 13.0.0 (clang-1300.0.29.30)] on darwin
Type "help", "copyright", "credits" or "license" for more information.
>>> from homework import example_01 as ex1
1번째 값을 입력 하세요 : 1
2번째 값을 입력 하세요 : 2
3번째 값을 입력 하세요 : 3
4번째 값을 입력 하세요 : d
6
>>> print(ex1.test())
Hi
None
>>> print(ex1.Myclass.b)
0
>>> 
```

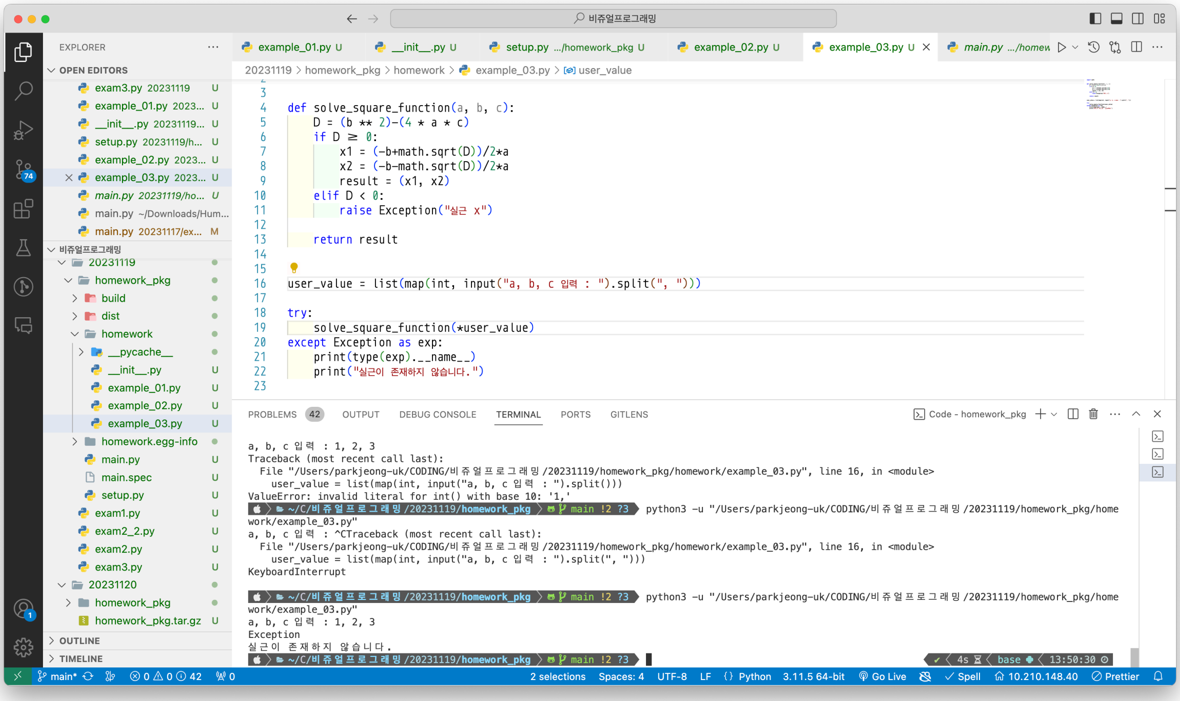
Example_02.py



```python
import math


def solve_square_function(a, b, c):
    D = (b ** 2)-(4 * a * c)
    if D ≥ 0:
        x1 = (-b+math.sqrt(D))/2*a
        x2 = (-b-math.sqrt(D))/2*a
        result = (x1, x2)
        print(result)
    elif D < 0:
        raise Exception("실근 x")

```

```
None
>>> print(ex1.Myclass.b)
0
>>> from homework import example_01 as ex2
>>> ex2.solve_square_function(1,2,3)
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
AttributeError: module 'homework.example_01' has no attribute 'solve_square_function'
>>> from homework import example_02 as ex2
>>> ex2.solve_square_function(1,2,3)
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
  File "/Users/parkjeong-uk/CODING/비쥬얼프로그래밍/20231119/homework_pkg/homework/example_02.py", line 12, in solve_square_function
    raise Exception("실근 x")
Exception: 실근 x
>>> ex2.solve_square_function(1,4,4)
(-2.0, -2.0)
>>> 
```

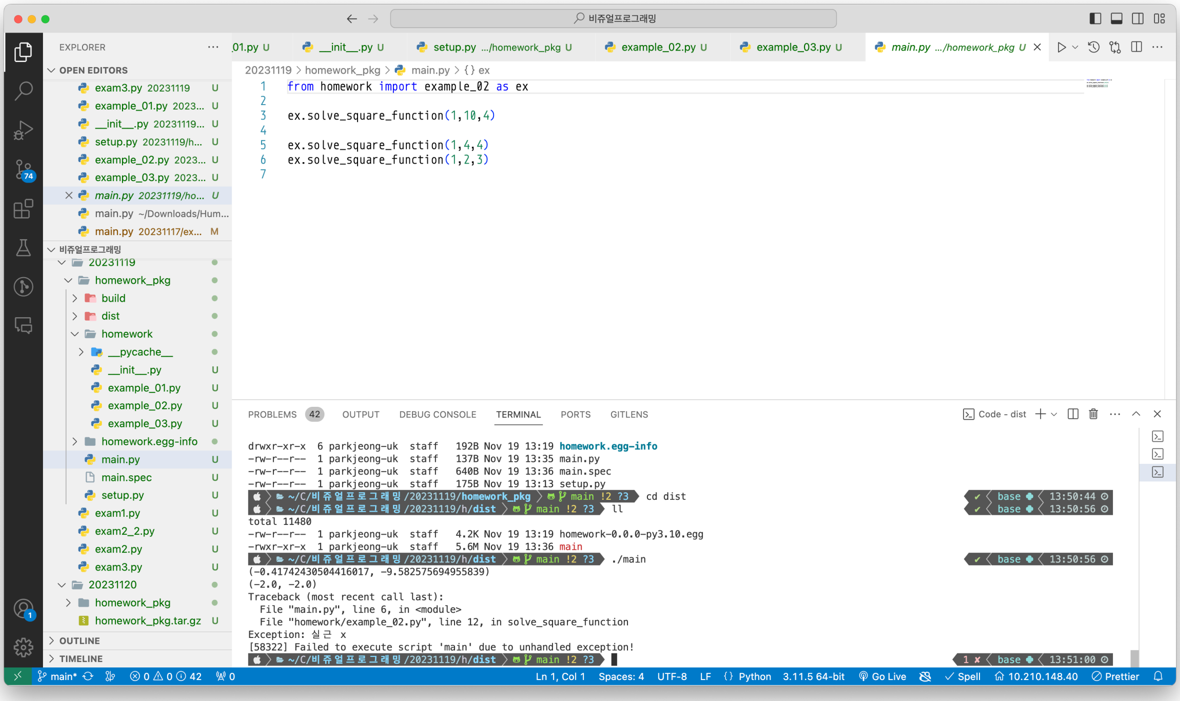
Example_03.py



```python

def solve_square_function(a, b, c):
    D = (b ** 2)-(4 * a * c)
    if D ≥ 0:
        x1 = (-b+math.sqrt(D))/2*a
        x2 = (-b-math.sqrt(D))/2*a
        result = (x1, x2)
    elif D < 0:
        raise Exception("실근 x")

    return result


user_value = list(map(int, input("a, b, c 입력 : ").split(", ")))

try:
    solve_square_function(*user_value)
except Exception as exp:
    print(type(exp).__name__)
    print("실근이 존재하지 않습니다.")

```

```
a, b, c 입력 : 1, 2, 3
Traceback (most recent call last):
  File "/Users/parkjeong-uk/CODING/비주얼프로그래밍/20231119/homework_pkg/homework/example_03.py", line 16, in <module>
    user_value = list(map(int, input("a, b, c 입력 : ").split()))
ValueError: invalid literal for int() with base 10: '1,'
 ~/C/비주얼프로그래밍/20231119/homework_pkg  main !2 ?3  python3 -u "/Users/parkjeong-uk/CODING/비주얼프로그래밍/20231119/homework_pkg/home
work/example_03.py"
a, b, c 입력 : ^CTraceback (most recent call last):
  File "/Users/parkjeong-uk/CODING/비주얼프로그래밍/20231119/homework_pkg/homework/example_03.py", line 16, in <module>
    user_value = list(map(int, input("a, b, c 입력 : ").split(", ")))
KeyboardInterrupt

 ~/C/비주얼프로그래밍/20231119/homework_pkg  main !2 ?3  python3 -u "/Users/parkjeong-uk/CODING/비주얼프로그래밍/20231119/homework_pkg/home
work/example_03.py"
a, b, c 입력 : 1, 2, 3
Exception
실근이 존재하지 않습니다.
 ~/C/비주얼프로그래밍/20231119/homework_pkg  main !2 ?3                                         ✓  4s ⌛  base  13:50:30
```

Example_04.py



```python
from homework import example_02 as ex

ex.solve_square_function(1,10,4)

ex.solve_square_function(1,4,4)
ex.solve_square_function(1,2,3)

```

```
drwxr-xr-x  6 parkjeong-uk  staff   192B Nov 19 13:19 homework.egg-info
-rw-r--r--  1 parkjeong-uk  staff   137B Nov 19 13:35 main.py
-rw-r--r--  1 parkjeong-uk  staff   640B Nov 19 13:36 main.spec
-rw-r--r--  1 parkjeong-uk  staff   175B Nov 19 13:13 setup.py
 ~/C/비주얼프로그래밍/20231119/homework_pkg  main !2 ?3  cd dist                         ✓  base  13:50:44
 ~/C/비주얼프로그래밍/20231119/h/dist  main !2 ?3  ll                                    ✓  base  13:50:56
total 11480
-rw-r--r--  1 parkjeong-uk  staff   4.2K Nov 19 13:19 homework-0.0.0-py3.10.egg
-rwxr-xr-x  1 parkjeong-uk  staff   5.6M Nov 19 13:36 main
 ~/C/비주얼프로그래밍/20231119/h/dist  main !2 ?3  ./main                                ✓  base  13:50:56
(-0.41742430504416017, -9.582575694955839)
(-2.0, -2.0)
Traceback (most recent call last):
  File "main.py", line 6, in <module>
  File "homework/example_02.py", line 12, in solve_square_function
Exception: 실근 x
[58322] Failed to execute script 'main' due to unhandled exception!
 ~/C/비주얼프로그래밍/20231119/h/dist  main !2 ?3                                        1 ✘  base  13:51:00
```