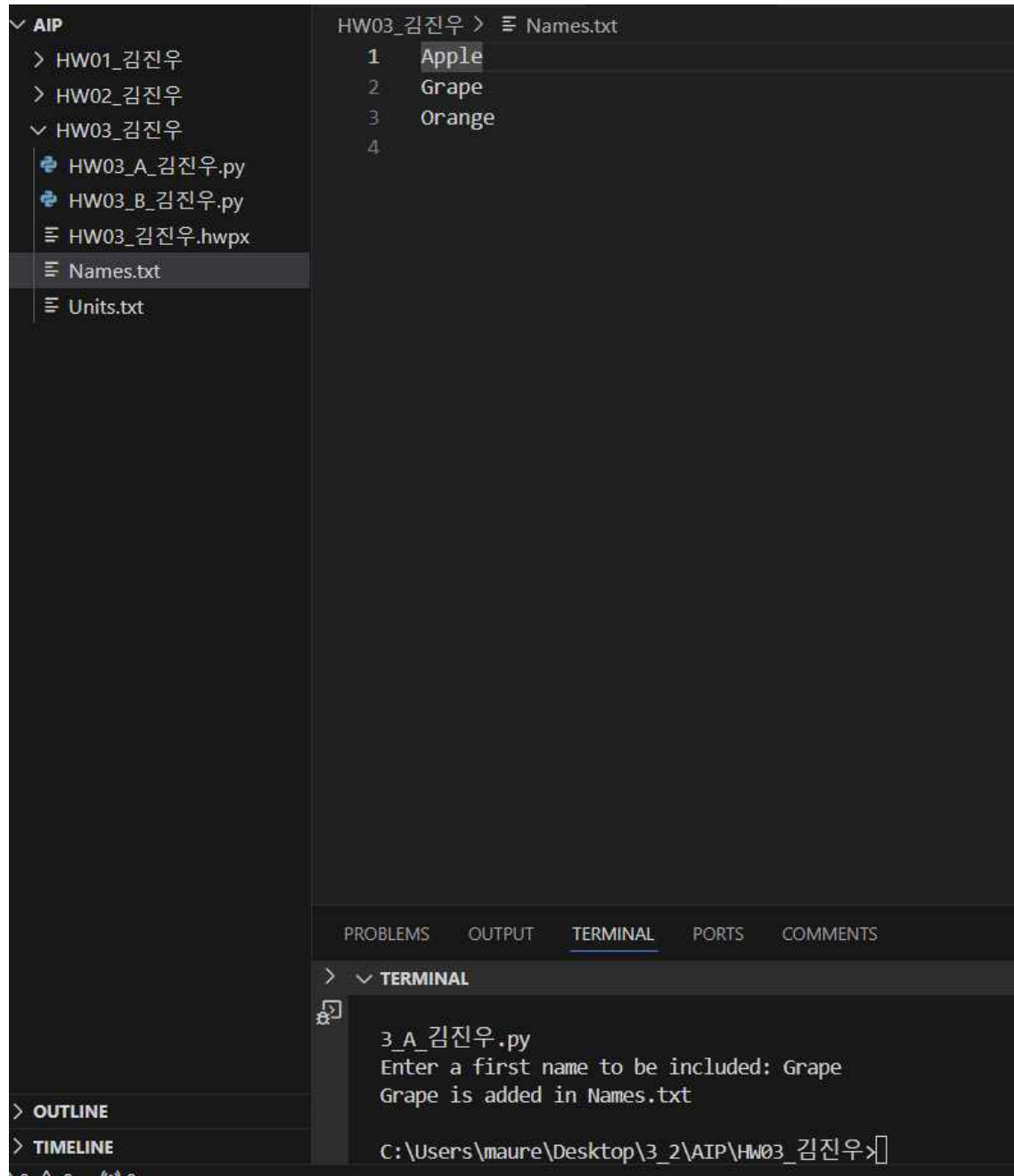


<Screenshot of terminal>

HW03_A

case 1 : 값을 입력할 때

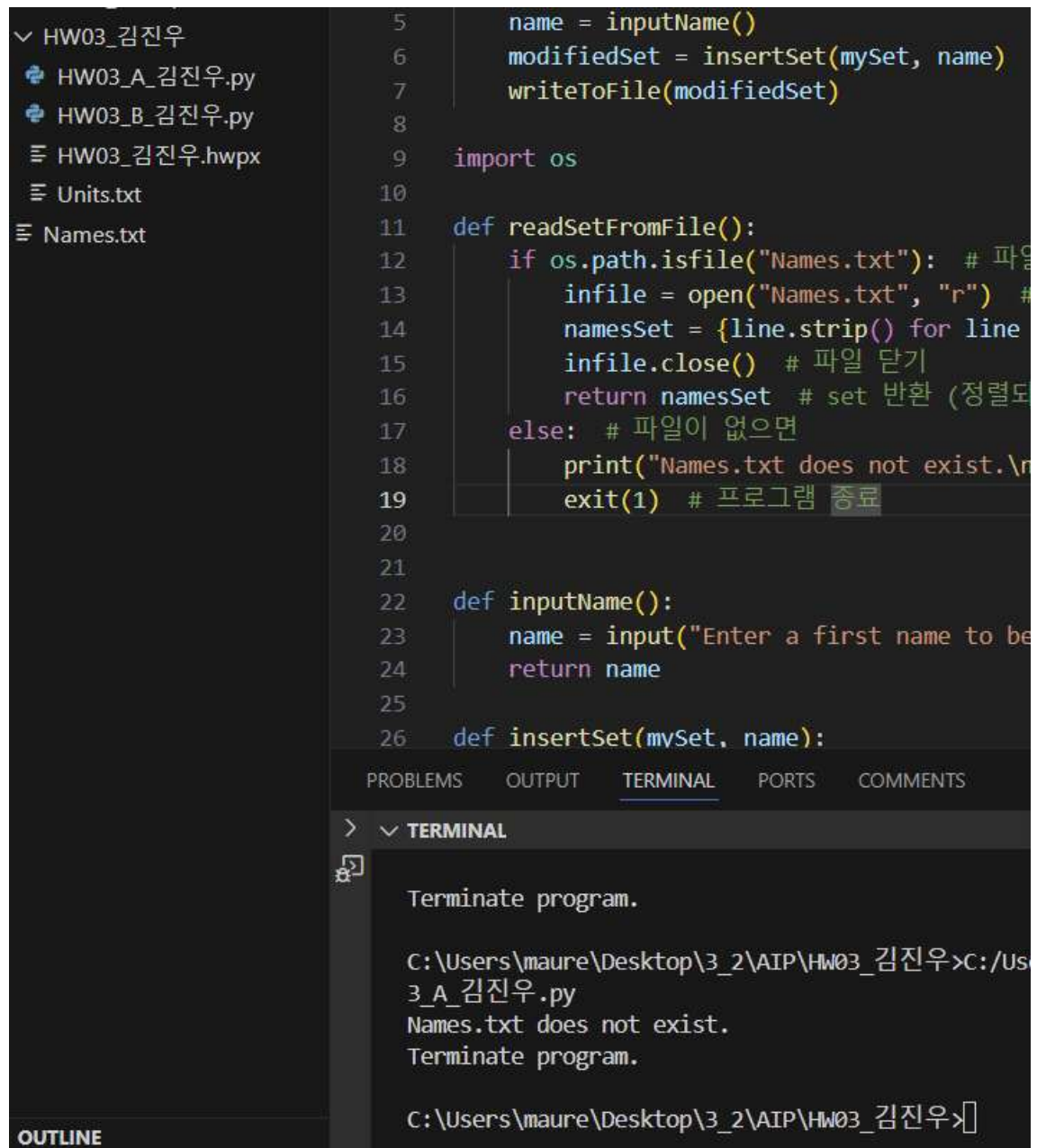


case 2 : 중복된 값이 입력될 때

```
Enter a first name to be included: Grape
Grape is already in Names.txt
```

```
C:\Users\maure\Desktop\3_2\AIP\HW03_김진우>
```

case 3 - Name.txt가 없을 때의 출력



The screenshot shows an IDE with a file explorer on the left, a code editor in the center, and a terminal at the bottom. The file explorer lists files: HW03_김진우, HW03_A_김진우.py, HW03_B_김진우.py, HW03_김진우.hwp, Units.txt, and Names.txt. The code editor displays Python code for a program that manages a set of names in a file named 'Names.txt'. The code includes functions for reading the set from the file, inserting a new name, and inputting a name from the user. The terminal shows the execution of the program, where it prompts for a name, checks if it exists, and prints an error message if the file 'Names.txt' does not exist.

```
5     name = inputName()
6     modifiedSet = insertSet(mySet, name)
7     writeToFile(modifiedSet)
8
9     import os
10
11     def readSetFromFile():
12         if os.path.isfile("Names.txt"): # 파일
13             infile = open("Names.txt", "r") #
14             namesSet = {line.strip() for line
15             infile.close() # 파일 닫기
16             return namesSet # set 반환 (정렬도
17         else: # 파일이 없으면
18             print("Names.txt does not exist.\n
19             exit(1) # 프로그램 종료
20
21
22     def inputName():
23         name = input("Enter a first name to be
24         return name
25
26     def insertSet(mySet, name):
```

PROBLEMS OUTPUT TERMINAL PORTS COMMENTS

> ✓ TERMINAL

Terminate program.

C:\Users\maure\Desktop\3_2\AIP\HW03_김진우>C:/Us
3_A_김진우.py
Names.txt does not exist.
Terminate program.

C:\Users\maure\Desktop\3_2\AIP\HW03_김진우>

OUTLINE

HW03_B

```
Unit to convert from: yard  
Unit to convert to: mile  
Enter length in yard: 555  
Length in mile: 0.3153
```

```
C:\Users\maure\Desktop\3_2\AIP\HW03_김진우>C:/Users/maure/Desktop/3_2\AIP\HW03_김진우.py
```

```
Unit to convert from: meter  
Unit to convert to: rod  
Enter length in meter: 190000  
Length in rod: 37,787.5455
```

```
C:\Users\maure\Desktop\3_2\AIP\HW03_김진우>
```