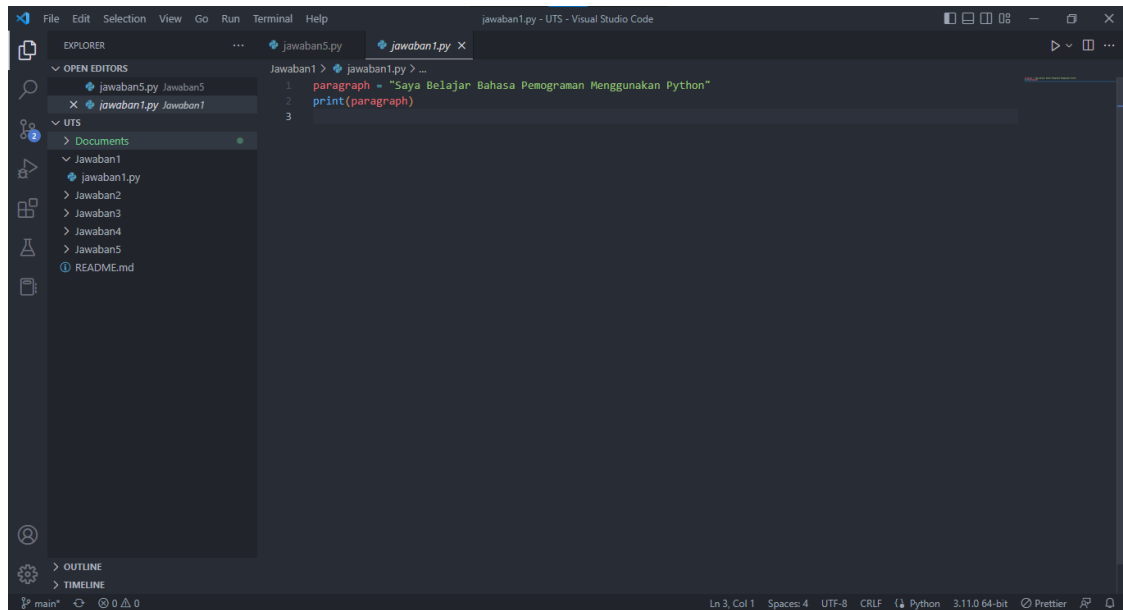


UTS Bahasa Pemograman

Aldi Maulana Iqbal (202108081222)

<https://github.com/depuuttt/UTSBahasaPemogramanSMT3>

1. Source Code:

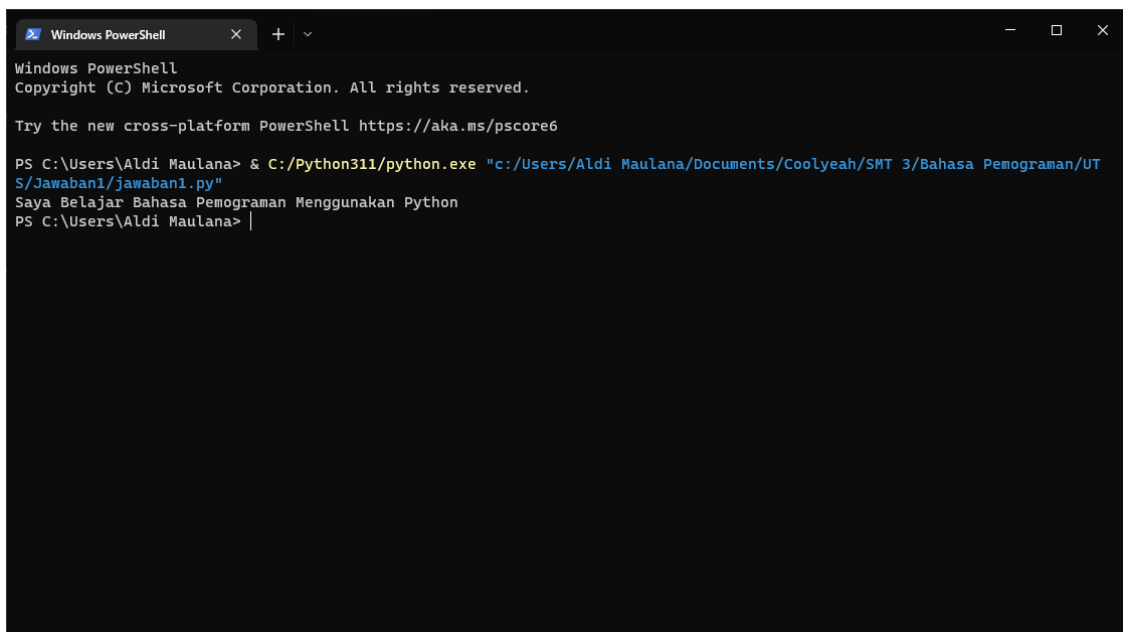


```
File Edit Selection View Go Run Terminal Help
jawaban1.py - UTS - Visual Studio Code

EXPLORER
  OPEN EDITORS
    jawaban5.py jawaban5
    X jawaban1.py jawaban1
  UTS
    Documents
    jawaban1
    jawaban1.py
    jawaban2
    jawaban3
    jawaban4
    jawaban5
    README.md
  OUTLINE
  TIMELINE

1 paragraph = "Saya Belajar Bahasa Pemograman Menggunakan Python"
2 print(paragraph)
3
```

Result:

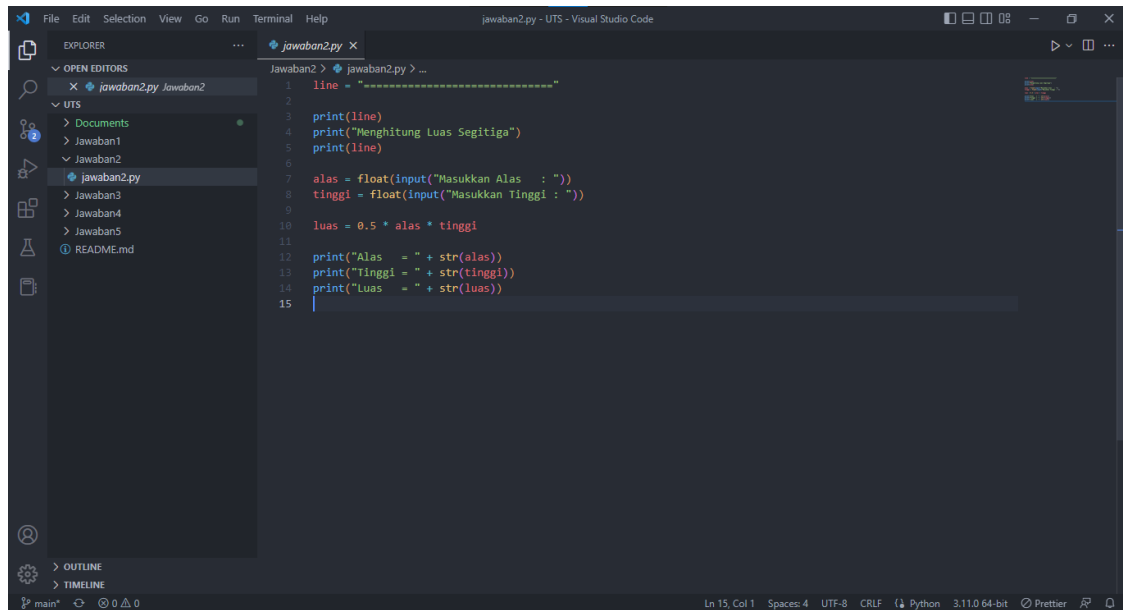


```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\Aldi Maulana> & C:/Python311/python.exe "c:/Users/Aldi Maulana/Documents/Coolyeah/SMT 3/Bahasa Pemograman/UTS/Jawaban1/jawaban1.py"
Saya Belajar Bahasa Pemograman Menggunakan Python
PS C:\Users\Aldi Maulana> |
```

2. Source Code:



```
File Edit Selection View Go Run Terminal Help
jawaban2.py - UTS - Visual Studio Code

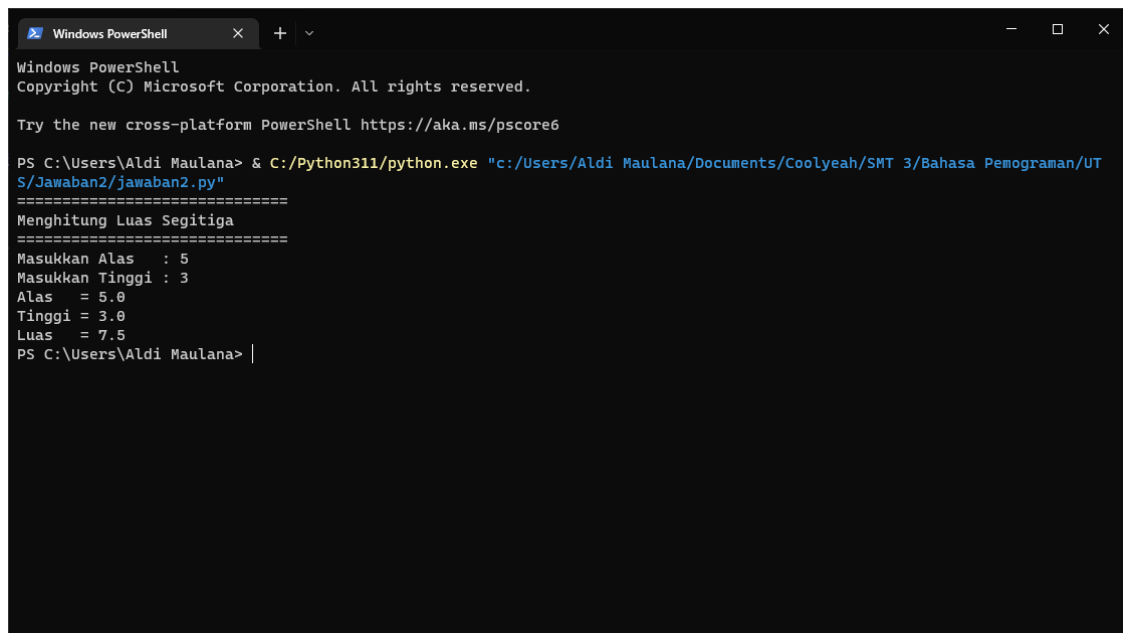
EXPLORER
  OPEN EDITORS
    jawaban2.py
  UTS
    Documents
    Jawaban1
    Jawaban2
    jawaban2.py
    Jawaban3
    Jawaban4
    Jawaban5
    README.md

  OUTLINE
  TIMELINE

main* 0 0 0
Ln 15, Col 1 Spaces: 4 UTF-8 CRLF Python 3.11.0 64-bit Prettier
```

```
1 line = "=====
2
3 print(line)
4 print("Menghitung Luas Segitiga")
5 print(line)
6
7 alas = float(input("Masukkan Alas : "))
8 tinggi = float(input("Masukkan Tinggi : "))
9
10 luas = 0.5 * alas * tinggi
11
12 print("Alas = " + str(alas))
13 print("Tinggi = " + str(tinggi))
14 print("Luas = " + str(luas))
15
```

Result:

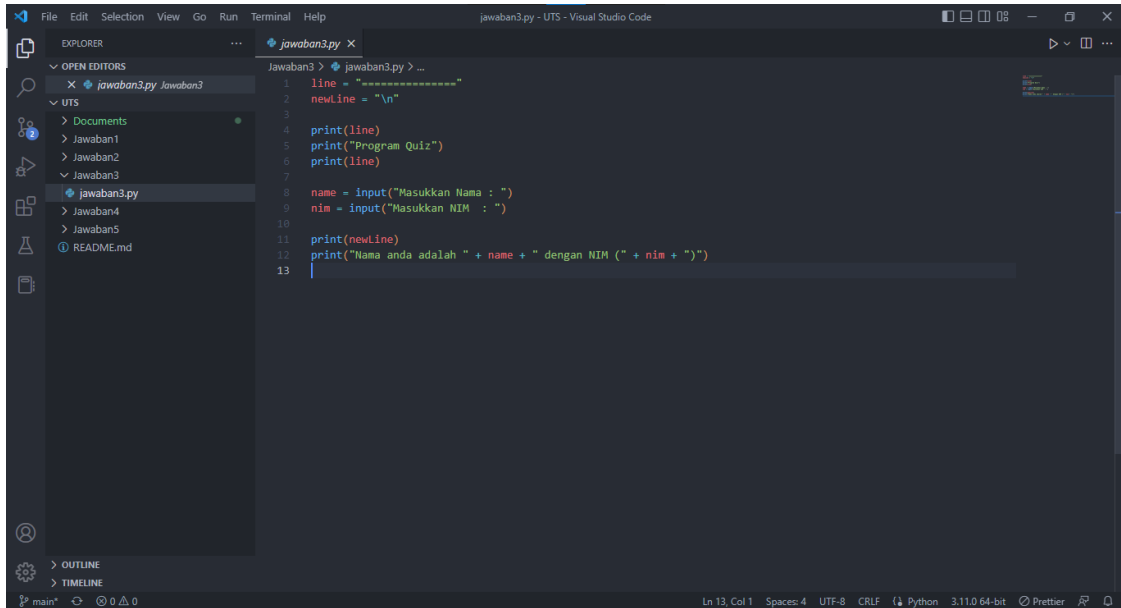


```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\Aldi Maulana> & C:/Python311/python.exe "c:/Users/Aldi Maulana/Documents/Coolyeah/SMT 3/Bahasa Pemograman/UTS/Jawaban2/jawaban2.py"
=====
Menghitung Luas Segitiga
=====
Masukkan Alas : 5
Masukkan Tinggi : 3
Alas = 5.0
Tinggi = 3.0
Luas = 7.5
PS C:\Users\Aldi Maulana>
```

3. Source Code:

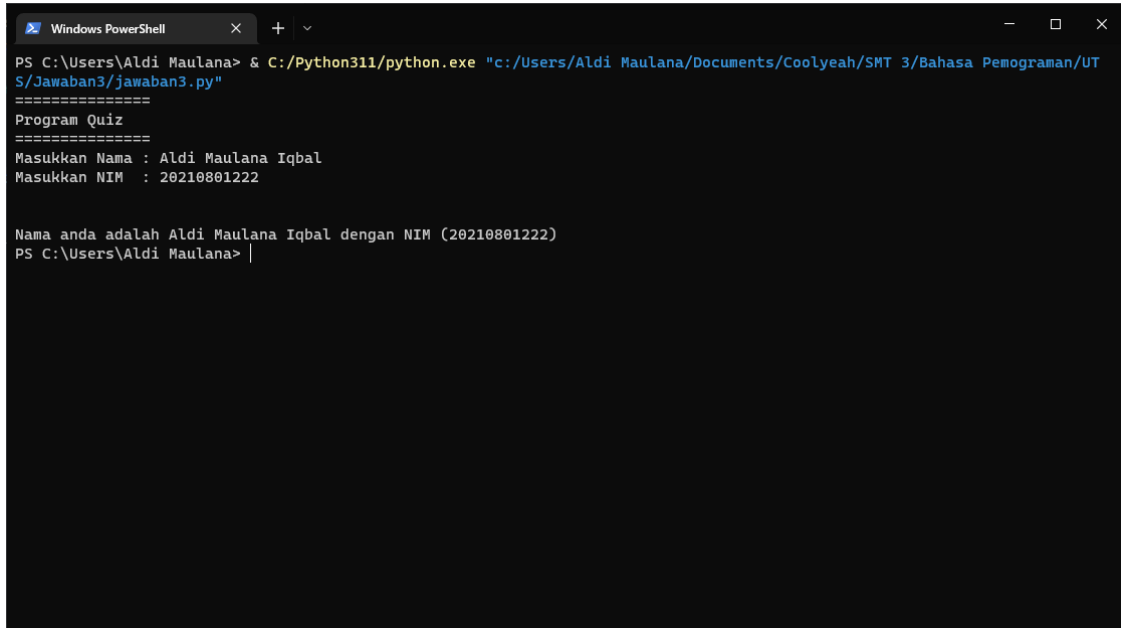


```
File Edit Selection View Go Run Terminal Help
jawaban3.py - UTS - Visual Studio Code

EXPLORER
OPEN EDITORS
  jawaban3.py
  jawaban3
  UTS
    Documents
    Jawaban1
    Jawaban2
    Jawaban3
    jawaban3.py
    Jawaban4
    Jawaban5
    README.md
  OUTLINE
  TIMELINE

Jawaban3 > jawaban3.py > ...
1 line = "=====
2 newline = "\n"
3
4 print(line)
5 print("Program Quiz")
6 print(line)
7
8 name = input("Masukkan Nama : ")
9 nim = input("Masukkan NIM : ")
10
11 print(newline)
12 print("Nama anda adalah " + name + " dengan NIM (" + nim + ")")
13
```

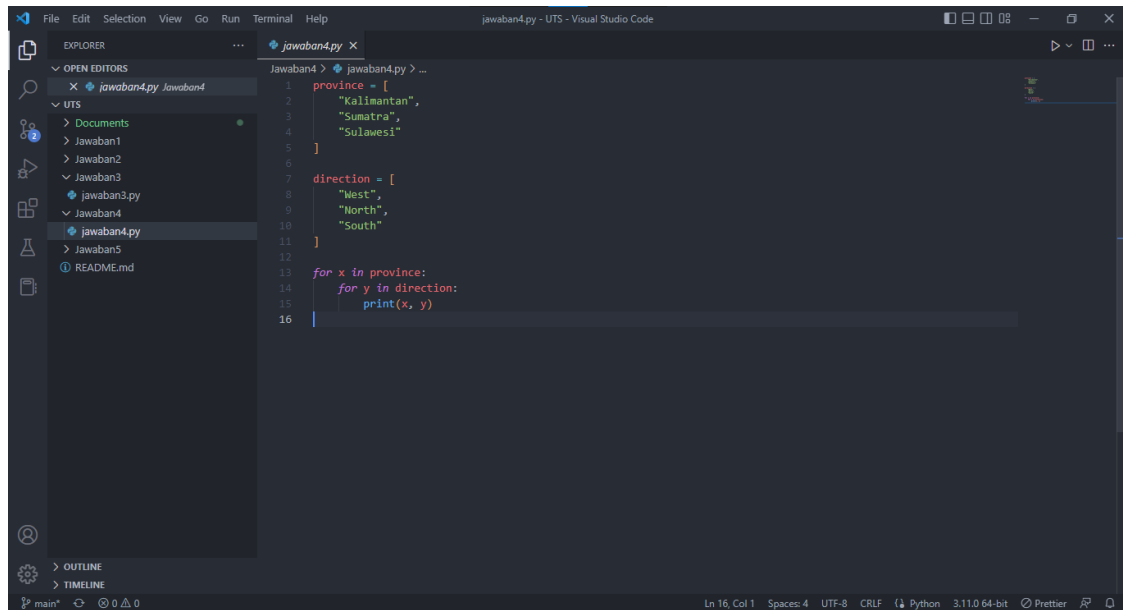
Result:



```
Windows PowerShell
PS C:\Users\Aldi Maulana> & C:/Python311/python.exe "c:/Users/Aldi Maulana/Documents/Coolyeah/SMT 3/Bahasa Pemograman/UTS/Jawaban3/jawaban3.py"
=====
Program Quiz
=====
Masukkan Nama : Aldi Maulana Iqbal
Masukkan NIM : 20210801222

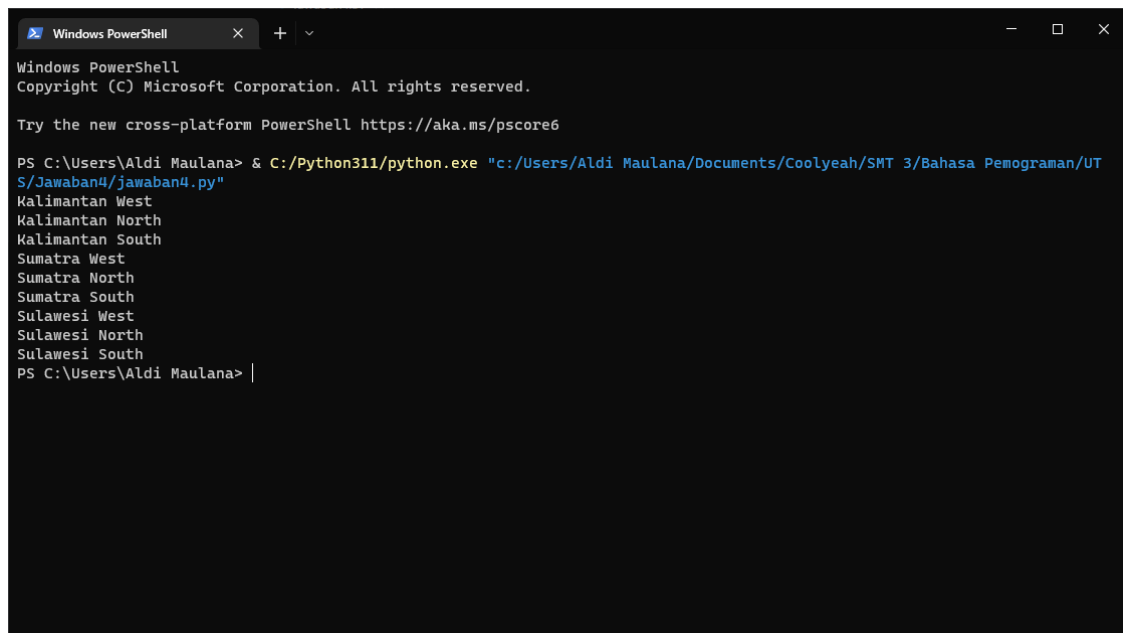
Nama anda adalah Aldi Maulana Iqbal dengan NIM (20210801222)
PS C:\Users\Aldi Maulana>
```

4. Source Code:



```
1 province = [  
2     "Kalimantan",  
3     "Sumatra",  
4     "Sulawesi"  
5 ]  
6  
7 direction = [  
8     "West",  
9     "North",  
10    "South"  
11 ]  
12  
13 for x in province:  
14     for y in direction:  
15         print(x, y)  
16
```

Result:



```
Windows PowerShell  
Copyright (C) Microsoft Corporation. All rights reserved.  
  
Try the new cross-platform PowerShell https://aka.ms/pscore6  
  
PS C:\Users\Aldi Maulana> & C:/Python311/python.exe "c:/Users/Aldi Maulana/Documents/Coolyeah/SMT 3/Bahasa Pemograman/UTS/Jawaban4/jawaban4.py"  
Kalimantan West  
Kalimantan North  
Kalimantan South  
Sumatra West  
Sumatra North  
Sumatra South  
Sulawesi West  
Sulawesi North  
Sulawesi South  
PS C:\Users\Aldi Maulana>
```

5. Source Code:

```
1 import sys
2
3 newLine = "\n"
4
5
6 def userInput():
7     nim = input("NIM : ")
8     nama = input("Nama : ")
9     data = [nim, nama]
10    return data
11
12
13 def selectionPrint():
14    print("Pilihan")
15    print("1. Cappuccino")
16    print("2. Teh")
17    print("3. Exit")
18    print(newLine)
19    data = input("Masukkan Pilihan :")
20    return int(data)
21
22
23 def selectionProcess(x):
24    match x:
25        case 1:
26            print("Memilih Cappuccino")
27            print(newLine)
28            price = int(input("Masukkan Harga : "))
29            ppn = 10 / 100 * price
30            totalPrice = price + ppn
31            print(newLine)
32            print("Jumlah yang harus dibayar sebesar Rp " + str(totalPrice) + ",-")
33        case 2:
```

```
22
23 def selectionProcess(x):
24     match x:
25         case 1:
26             print("Memilih Cappuccino")
27             print(newLine)
28             price = int(input("Masukkan Harga : "))
29             ppn = 10 / 100 * price
30             totalPrice = price + ppn
31             print(newLine)
32             print("Jumlah yang harus dibayar sebesar Rp " + str(totalPrice) + ",-")
33         case 2:
34             print("Memilih Teh")
35             print(newLine)
36             price = int(input("Masukkan Harga : "))
37             ppn = 10 / 100 * price
38             totalPrice = price + ppn
39             print(newLine)
40             print("Jumlah yang harus dibayar sebesar Rp " + str(totalPrice) + ",-")
41         case 3:
42             print("Terimakasih! ^_^")
43             sys.exit()
44
45
46 buyerData = userInput()
47 choose = selectionPrint()
48 selectionProcess(choose)
49
```

Result:

```
Windows PowerShell
PS C:\Users\Aldi Maulana> & C:/Python311/python.exe "c:/Users/Aldi Maulana/Documents/Coolyeah/SMT 3/Bahasa Pemograman/UT
S/Jawaban5/jawaban5.py"
NIM : 20210801222
Nama : Aldi Maulana Iqbal
Pilihan
1. Cappuccino
2. Teh
3. Exit

Masukkan Pilihan :1
Memilih Cappuccino

Masukkan Harga : 5000

Jumlah yang harus dibayar sebesar Rp 5500.0,-
PS C:\Users\Aldi Maulana> |
```