

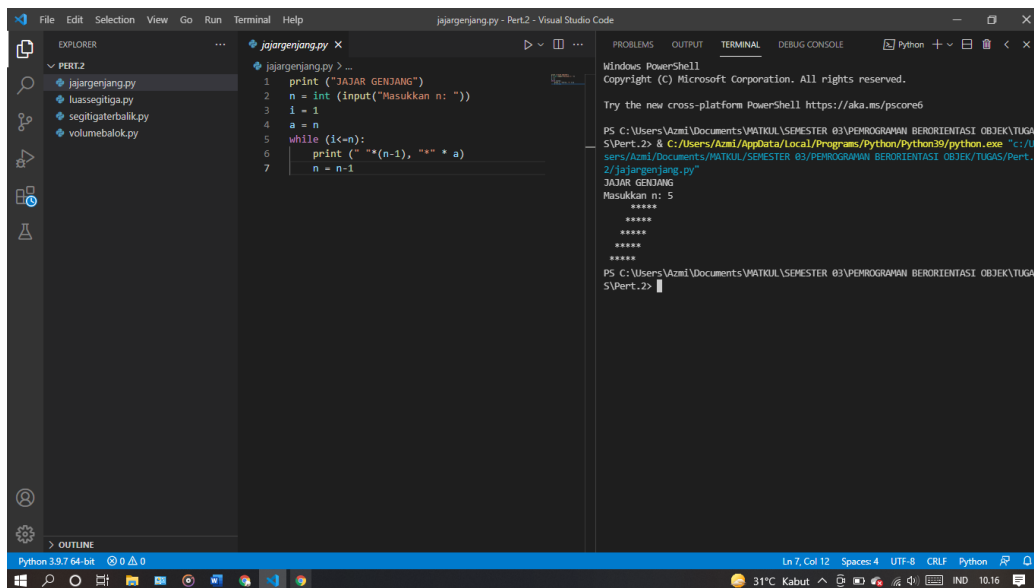
TUGAS PEMROGRAMAN BERIENTASI OBJEK PERTEMUAN 3

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NIM : 2007996

Kelas : SIK 3B

1. Menggambar Bangun Datar Jajar Genjang



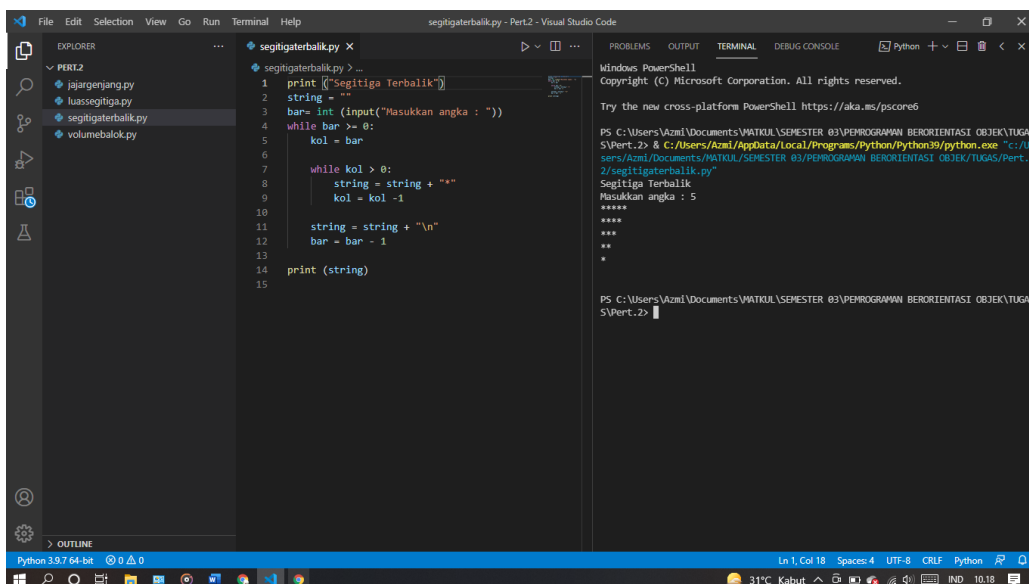
The screenshot shows the Visual Studio Code editor with a file named `jajargenjang.py` open. The code is as follows:

```
1 print ("JAJAR GENJANG")
2 n = int(input("Masukkan n: "))
3 i = 1
4 a = n
5 while (i<=n):
6     print (" "*(n-1), "*" * a)
7     n = n-1
```

The terminal window shows the execution of the program. It prompts the user to enter a value for `n`, which is 5. The output is a parallelogram made of asterisks:

```
*****
*****
*****
*****
*****
```

2. Menggambar Bangun Datar Segitiga Siku-Siku Terbalik



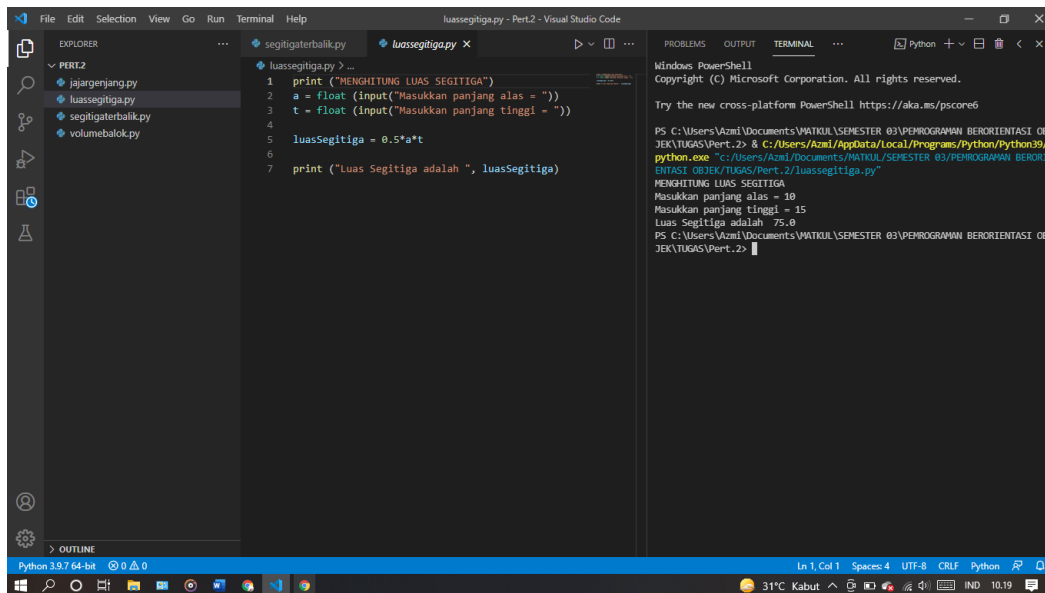
The screenshot shows the Visual Studio Code editor with a file named `segitigaterbalik.py` open. The code is as follows:

```
1 print ("Segitiga Terbalik")
2 string = ""
3 bar = int(input("Masukkan angka : "))
4 while bar >= 0:
5     kol = bar
6     while kol > 0:
7         string = string + "*"
8         kol = kol - 1
9     string = string + "\n"
10    bar = bar - 1
11    print (string)
```

The terminal window shows the execution of the program. It prompts the user to enter a value for `bar`, which is 5. The output is an inverted right-angled triangle made of asterisks:

```
*****
****
***
**
*
```

3. Membuat Perhitungan Luas Segitiga



```
File Edit Selection View Go Run Terminal Help
luassegitiga.py - Pert.2 - Visual Studio Code

EXPLORER
PERT.2
  jajargenjang.py
  luassegitiga.py
  segitigaterbalik.py
  volumebalok.py

OUTLINE

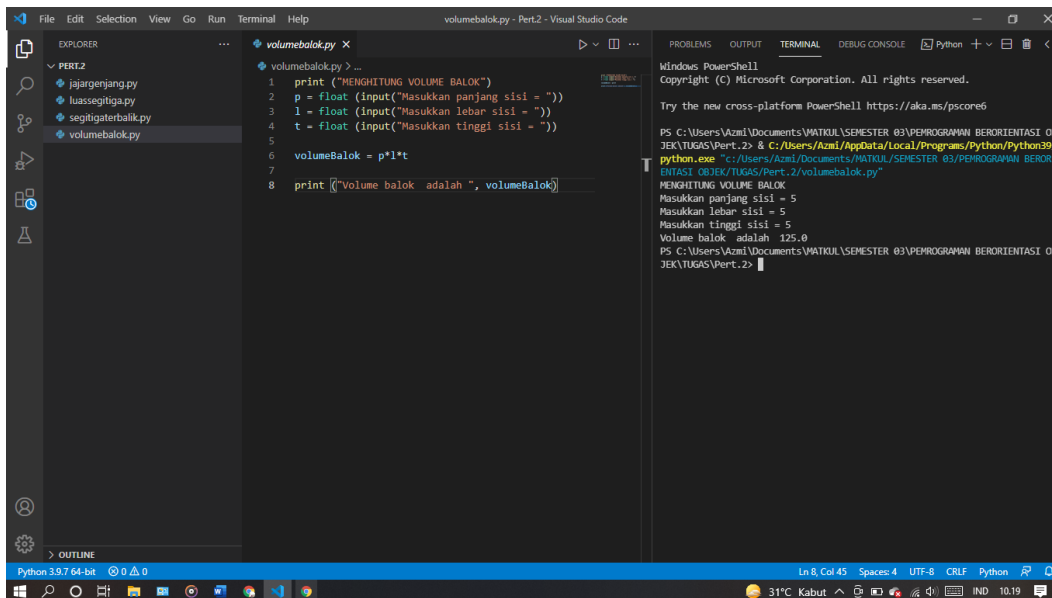
luassegitiga.py >...
1 print("MENGHITUNG LUAS SEGITIGA")
2 a = float(input("Masukkan panjang alas = "))
3 t = float(input("Masukkan panjang tinggi = "))
4
5 luasSegitiga = 0.5*a*t
6
7 print("Luas Segitiga adalah ", luasSegitiga)

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

PS C:\Users\Azmi\Documents\WATKUL\SEMESTER 03\PEMROGRAMAN BERORIENTASI OBJEK\TUGAS\Pert.2> & C:\Users\Azmi\AppData\Local\Programs\Python\Python39\python.exe "c:\Users\Azmi\Documents\WATKUL\SEMESTER 03\PEMROGRAMAN BERORIENTASI OBJEK\TUGAS\Pert.2\luassegitiga.py"
MENGHITUNG LUAS SEGITIGA
Masukkan panjang alas = 10
Masukkan panjang tinggi = 15
Luas Segitiga adalah 75.0
PS C:\Users\Azmi\Documents\WATKUL\SEMESTER 03\PEMROGRAMAN BERORIENTASI OBJEK\TUGAS\Pert.2>
```

4. Membuat Perhitungan Volume Balok



```
File Edit Selection View Go Run Terminal Help
volumebalok.py - Pert.2 - Visual Studio Code

EXPLORER
PERT.2
  jajargenjang.py
  luassegitiga.py
  segitigaterbalik.py
  volumebalok.py

OUTLINE

volumebalok.py >...
1 print("MENGHITUNG VOLUME BALOK")
2 p = float(input("Masukkan panjang sisi = "))
3 l = float(input("Masukkan lebar sisi = "))
4 t = float(input("Masukkan tinggi sisi = "))
5
6 volumeBalok = p*l*t
7
8 print("Volume balok adalah ", volumeBalok)

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

PS C:\Users\Azmi\Documents\WATKUL\SEMESTER 03\PEMROGRAMAN BERORIENTASI OBJEK\TUGAS\Pert.2> & C:\Users\Azmi\AppData\Local\Programs\Python\Python39\python.exe "c:\Users\Azmi\Documents\WATKUL\SEMESTER 03\PEMROGRAMAN BERORIENTASI OBJEK\TUGAS\Pert.2\volumebalok.py"
MENGHITUNG VOLUME BALOK
Masukkan panjang sisi = 5
Masukkan lebar sisi = 5
Masukkan tinggi sisi = 5
Volume balok adalah 125.0
PS C:\Users\Azmi\Documents\WATKUL\SEMESTER 03\PEMROGRAMAN BERORIENTASI OBJEK\TUGAS\Pert.2>
```