Nama : Ambar Wati

NIM : 20.01.013.001

Kelas : C

Mata Kuliah : Pemrograman Python

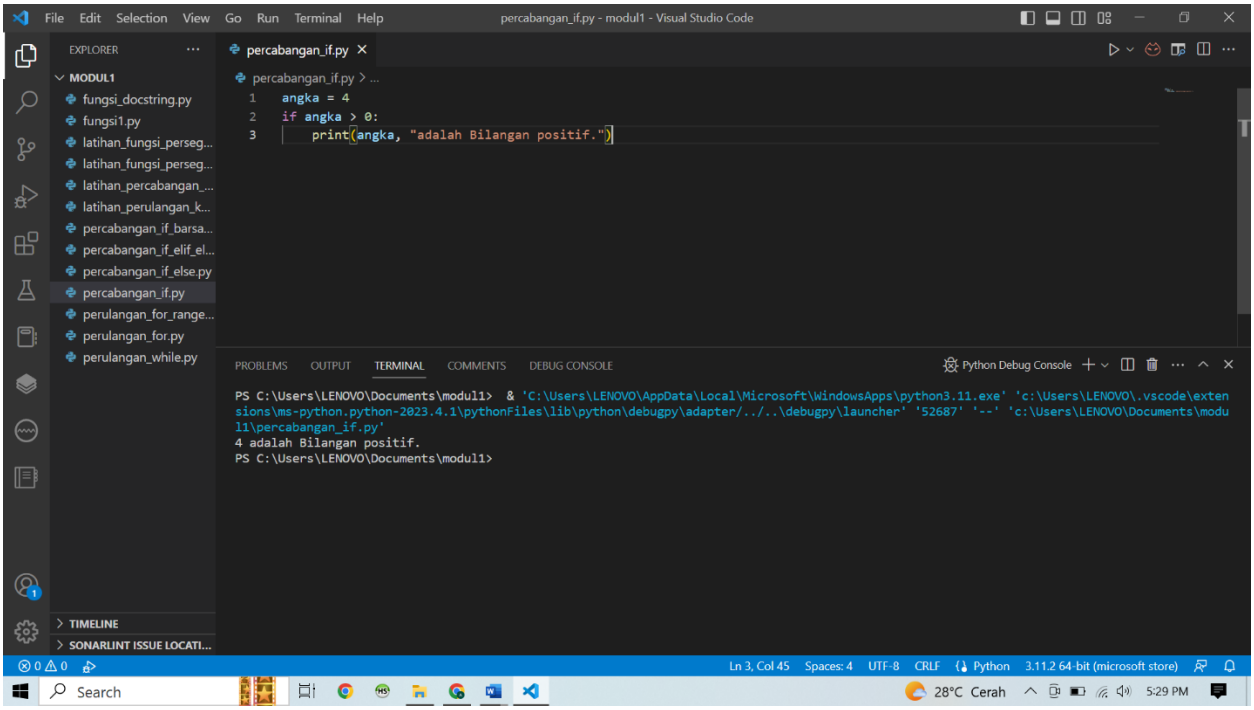
Task 2

Python Modul 4

Percabangan

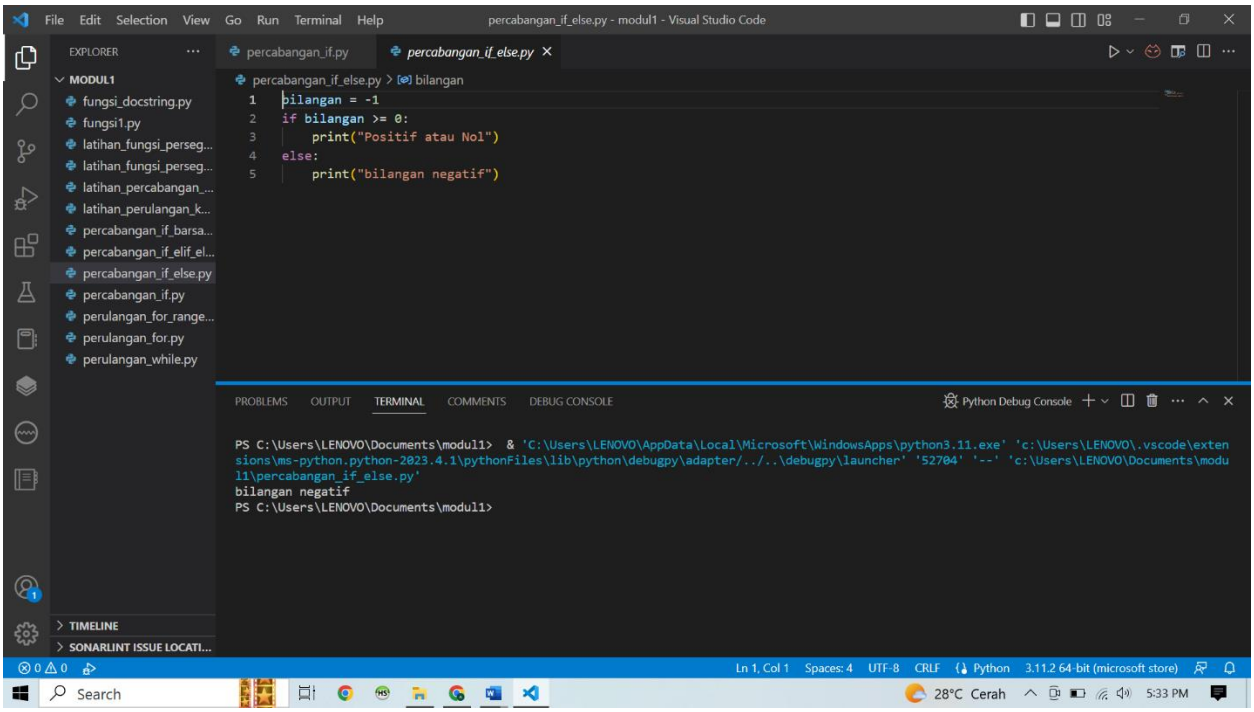
1. Pernyataan if

   Terdiri dari ekspresi Boolean diikuti satu baris atau lebih pernyataan



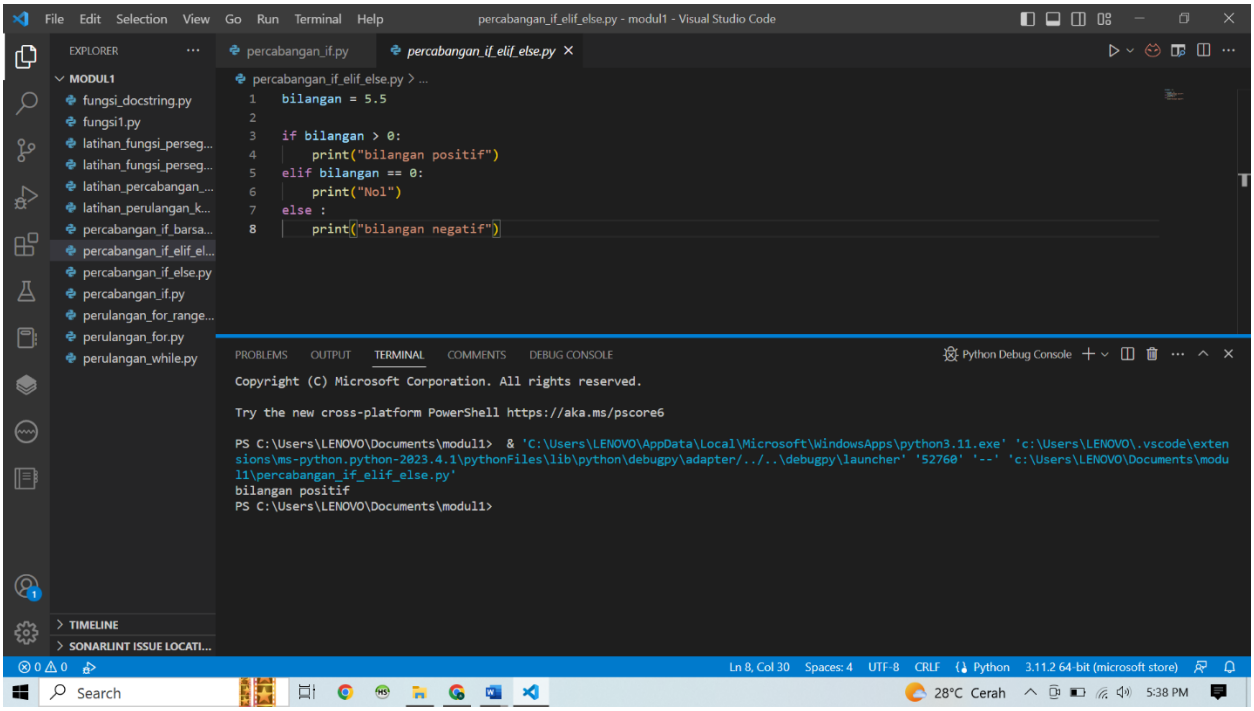
2. Pernyataan if_else

   Ada 2 kondisi, komdisi pertaman kalau benar dan kondisi ke dua kalau salah.

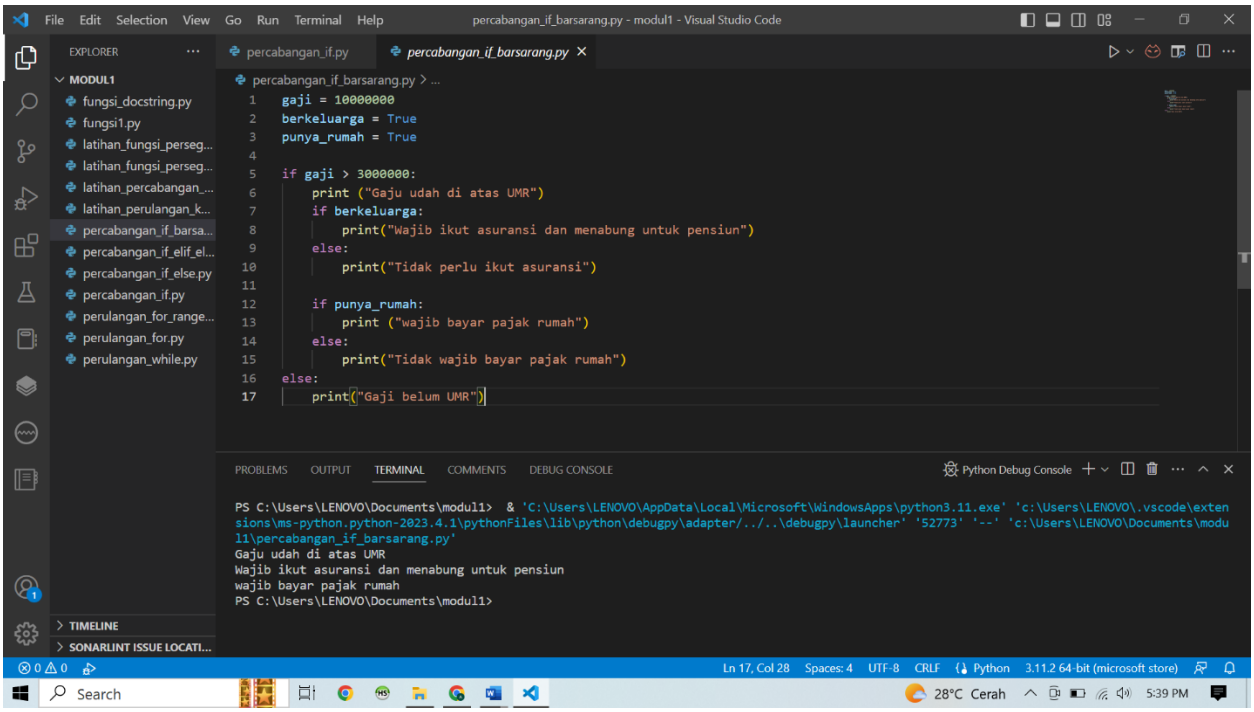


3. Pernyataan if_elif_else

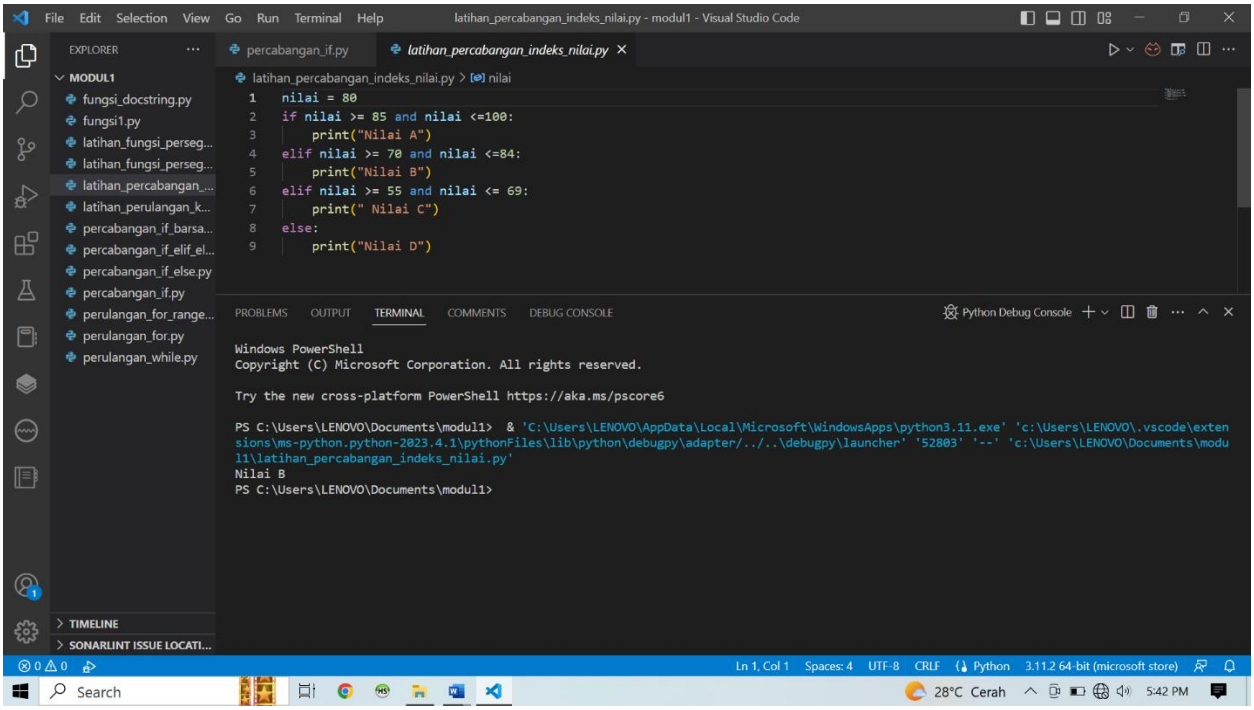
   Pernyataan if_elif_else digunanakn untuk menguji lebih dari 2 kondisi



4. Tambahan : if Bersarang

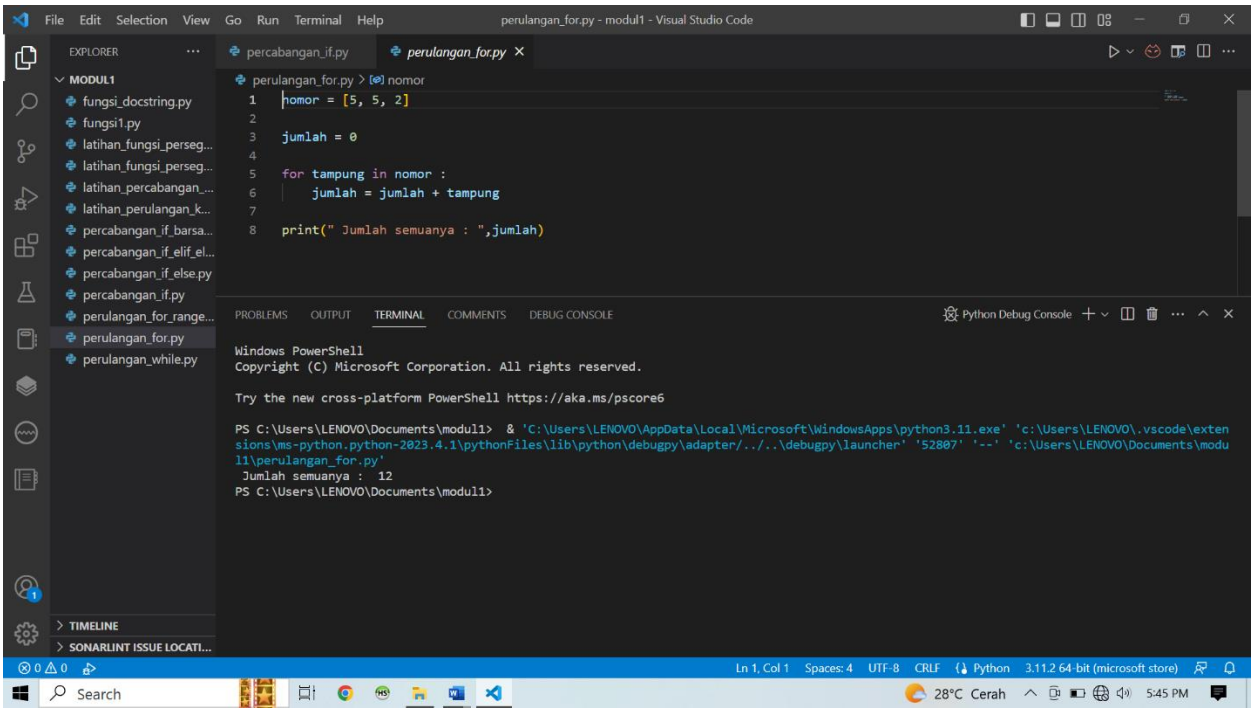


5. Contoh Program Percabangan Indeks Nilai Statis

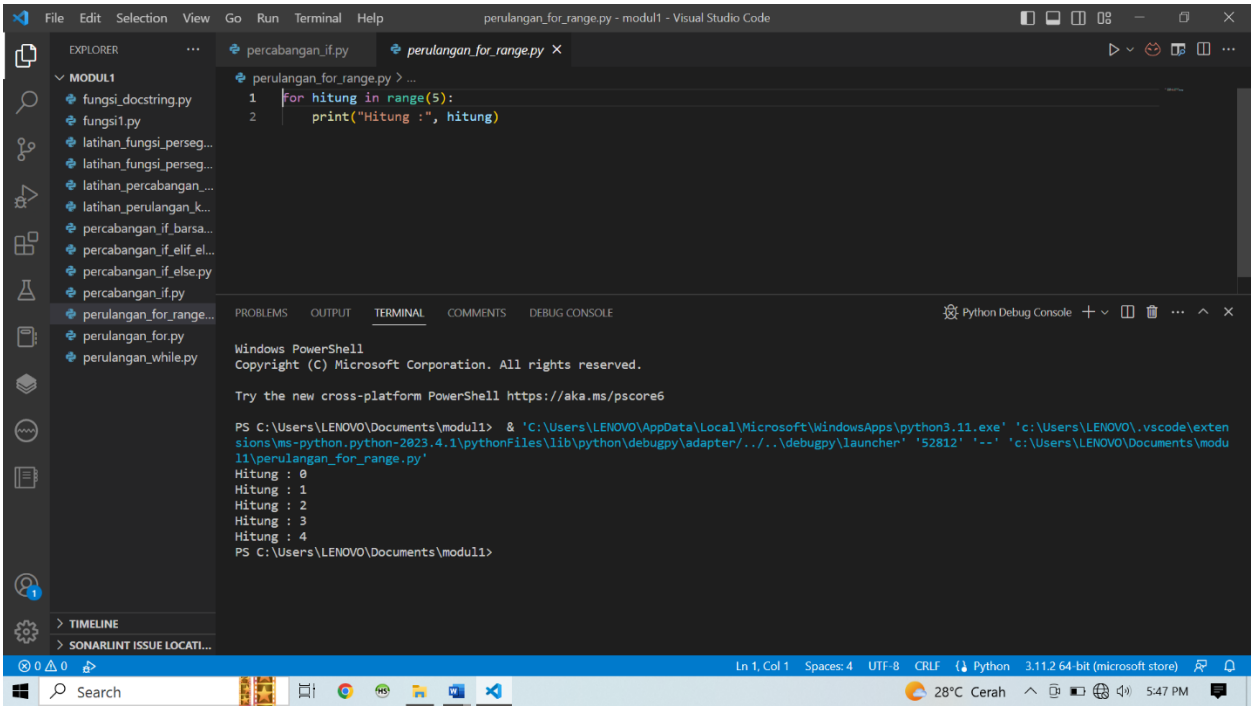


Perulangan

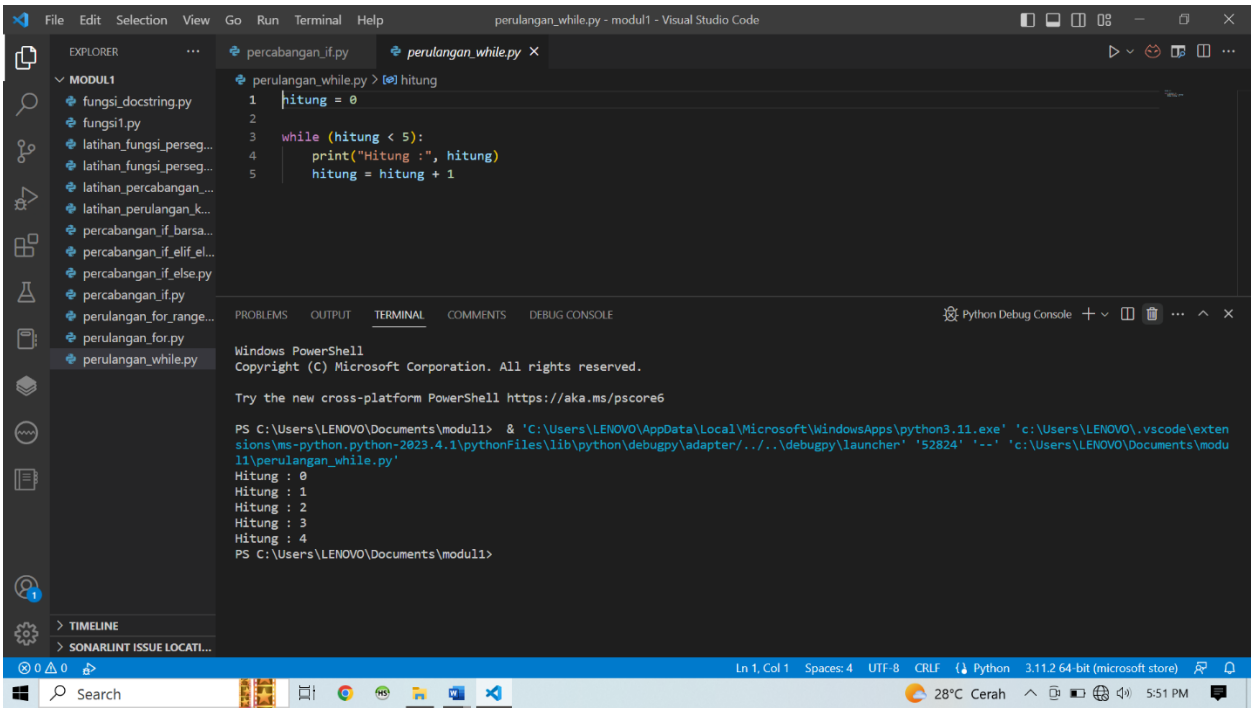
1. Perulangan dengan menggunakan for



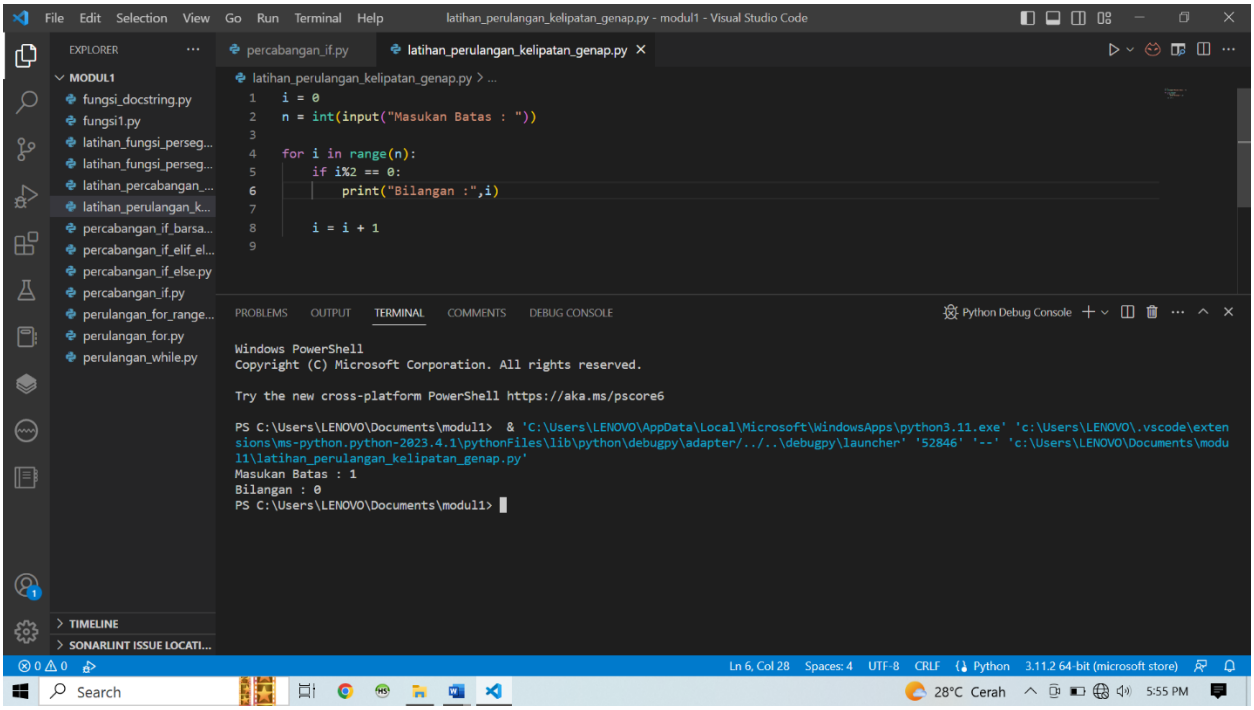
Perulangan for dengan range



2. Perulangan Menggunakan while

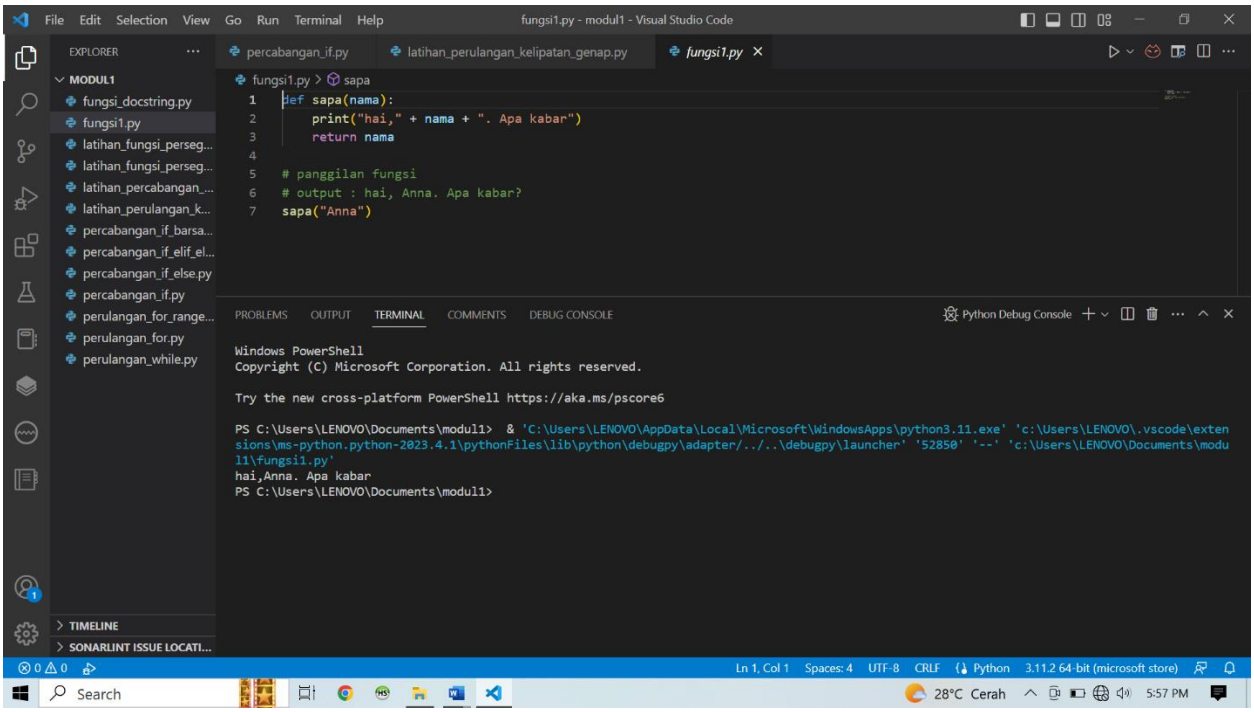


3. Contoh Program Kelipatan Bilangan Genap

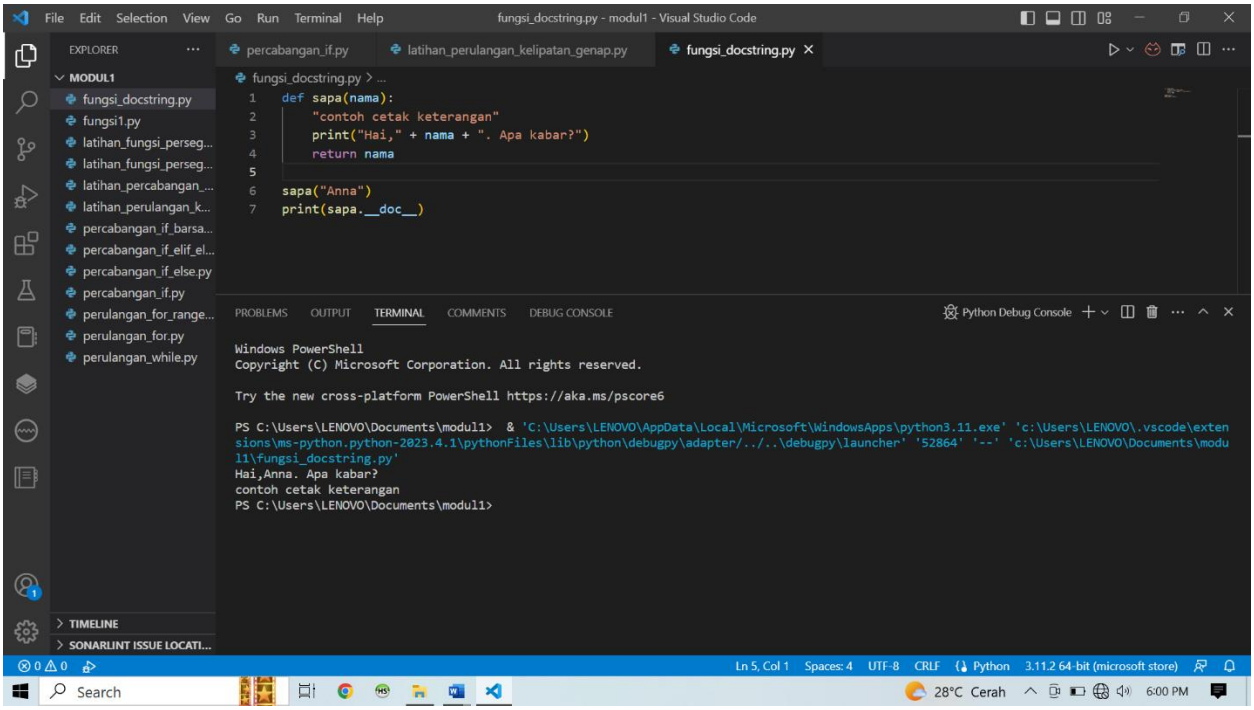


Latihan

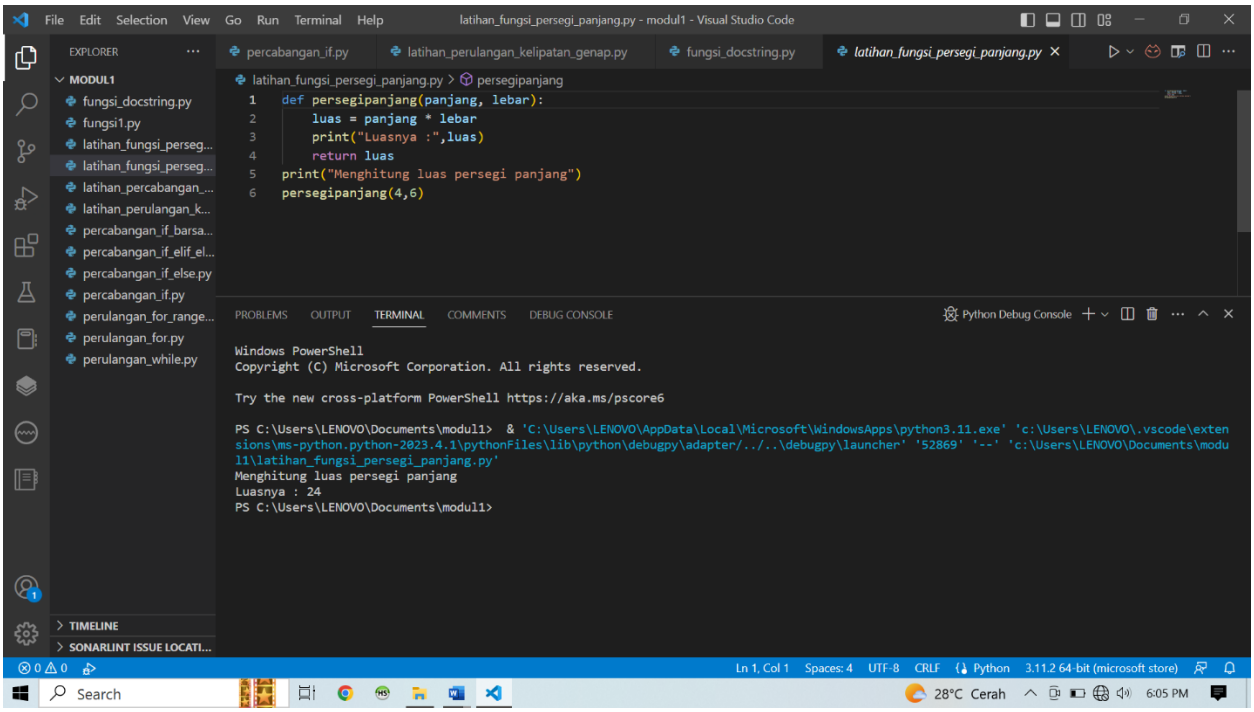
1. Mendefinisikan Fungsi

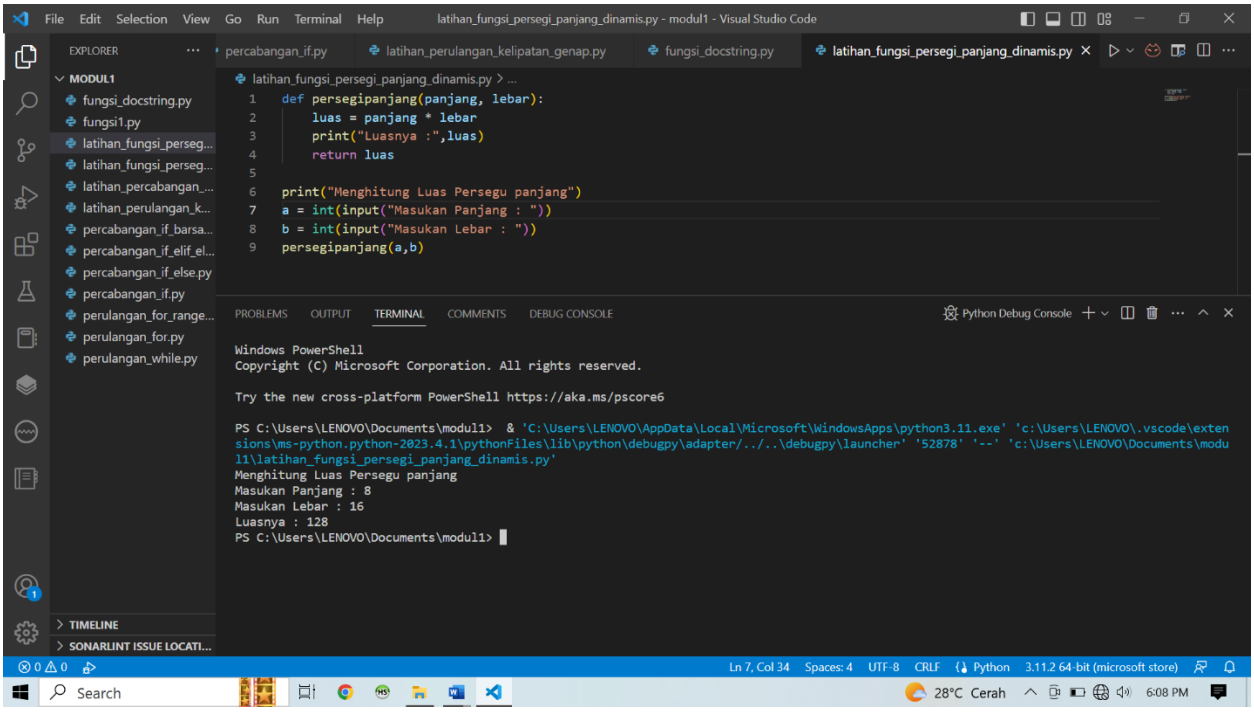


2. Docstring

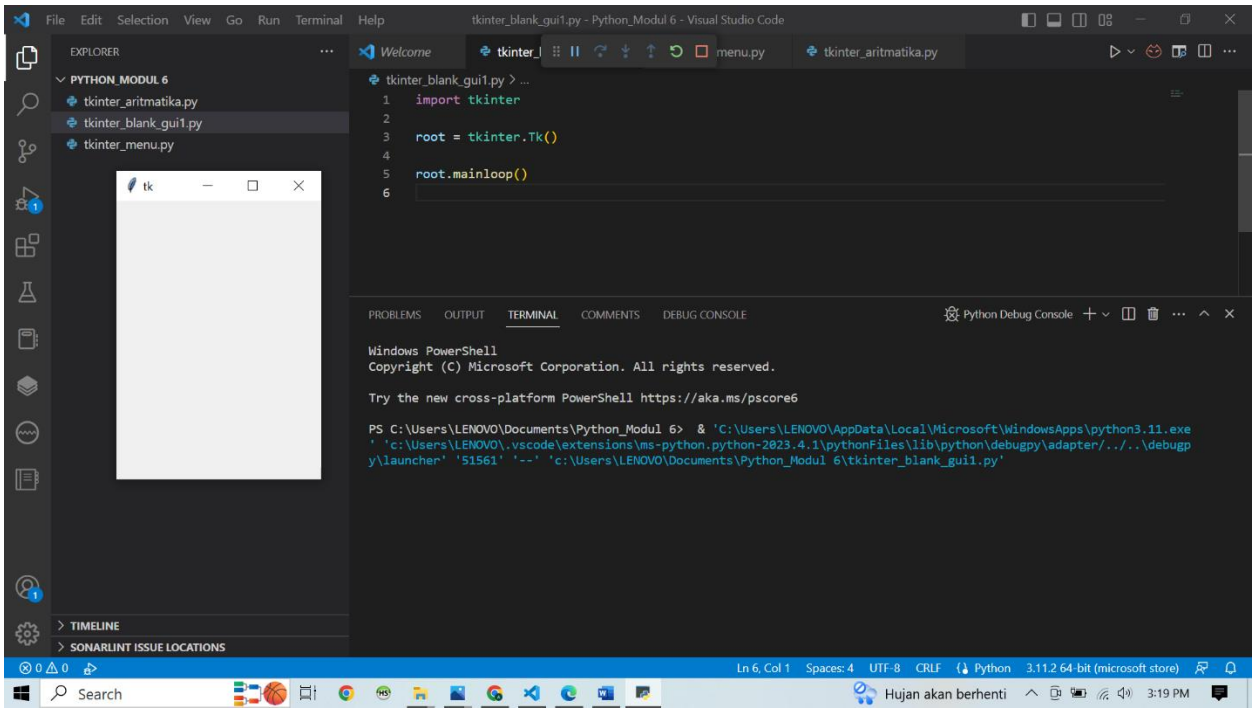


3. Contoh Program Luas Persegi Panjang dengan Fungsi



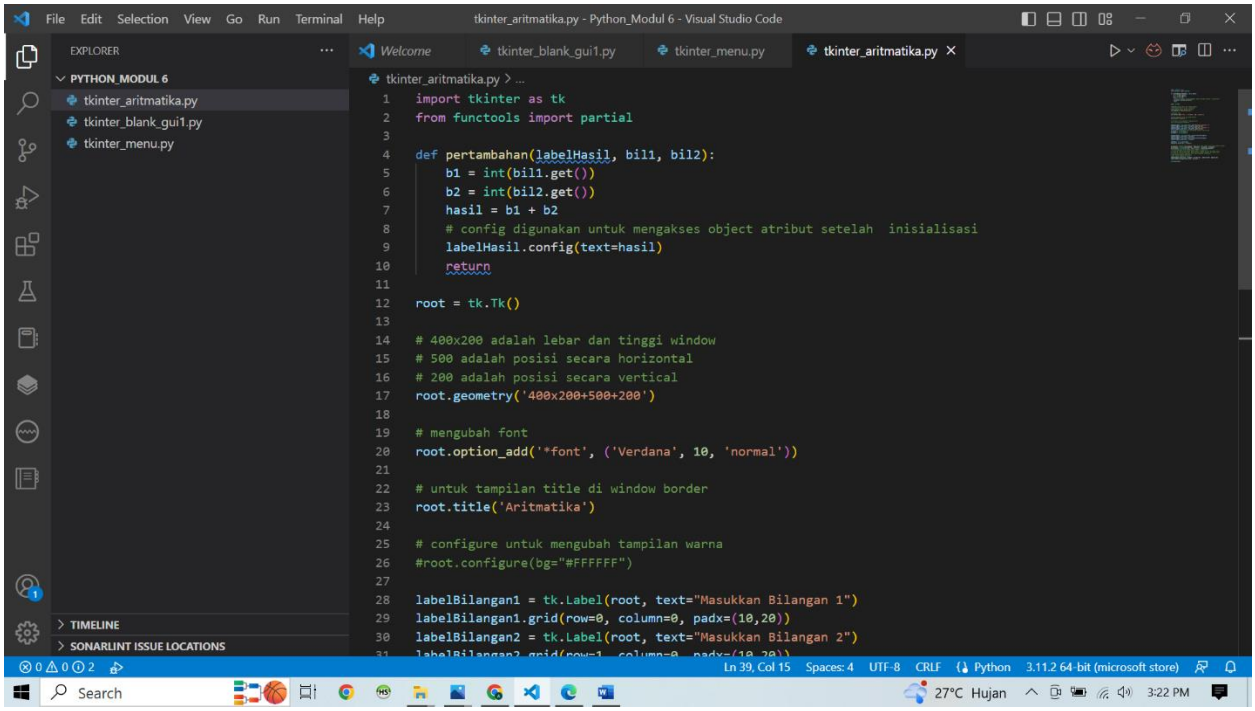


1. Tampilan GUI Sederhana

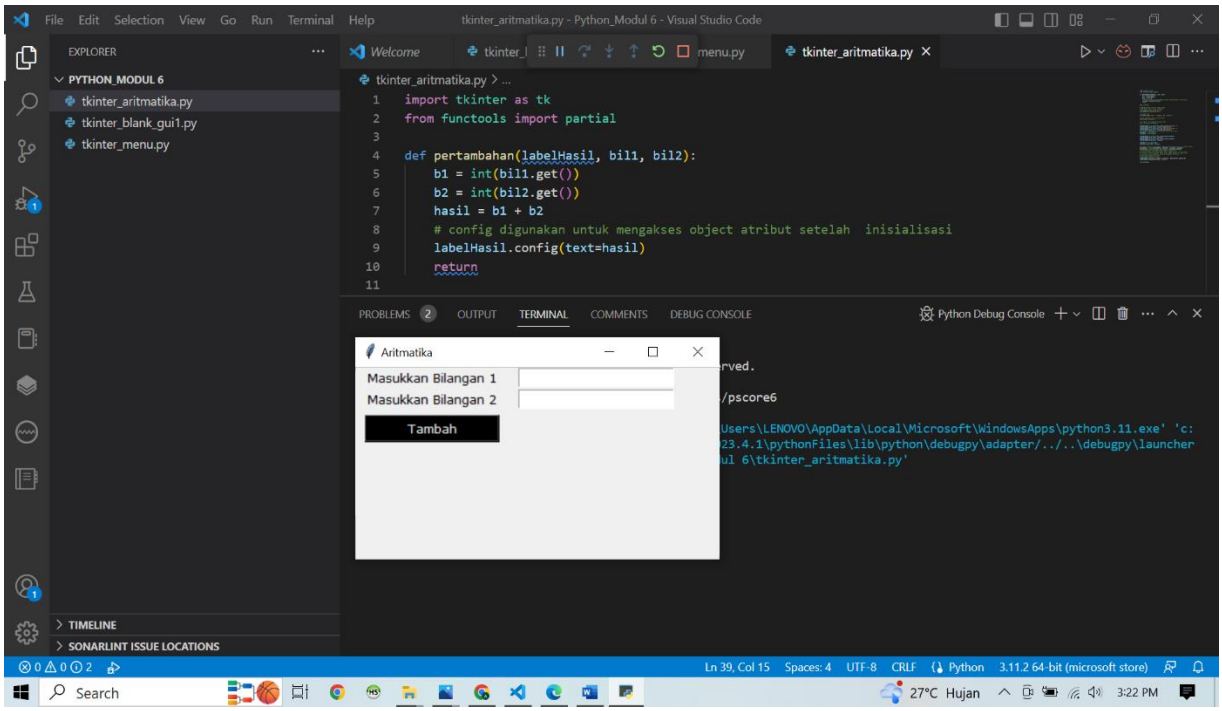


Kode Tampilan GUI sederhana dan gambat Tampilan GUI sederhana

2. Contoh Aplikasi Aritmatika Pertambahan

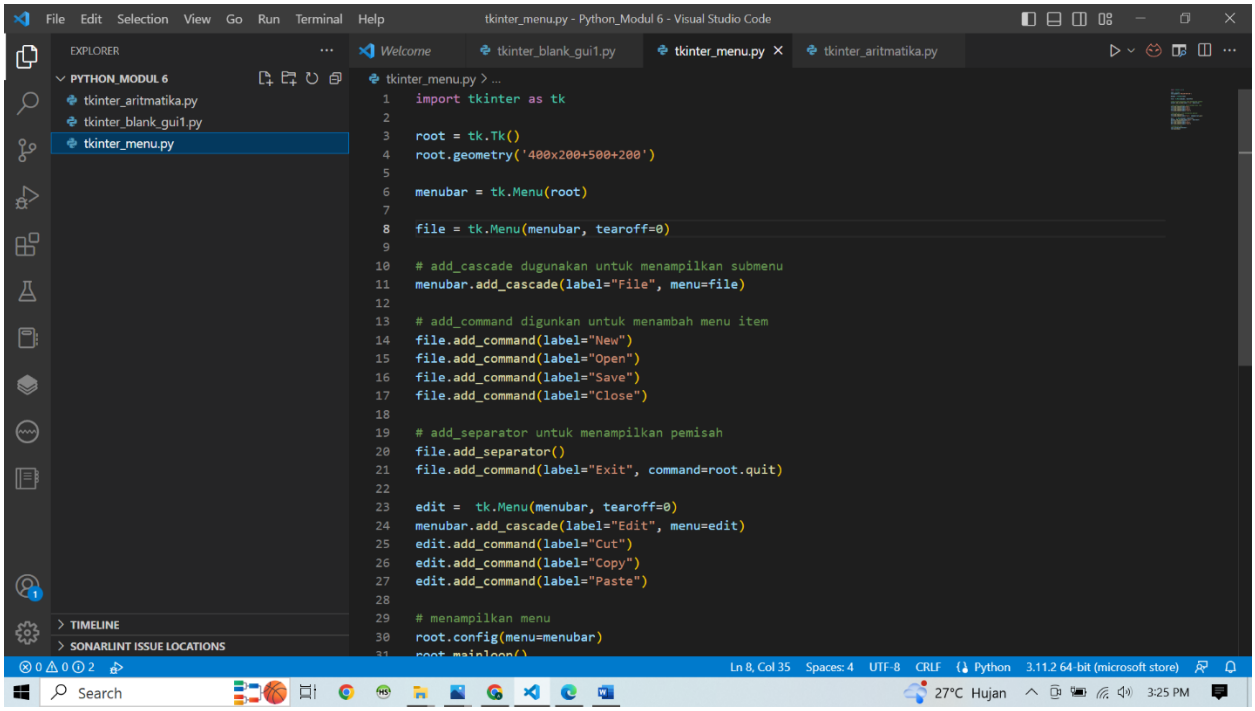


Kode Aplikasi Artimatika pertambahan

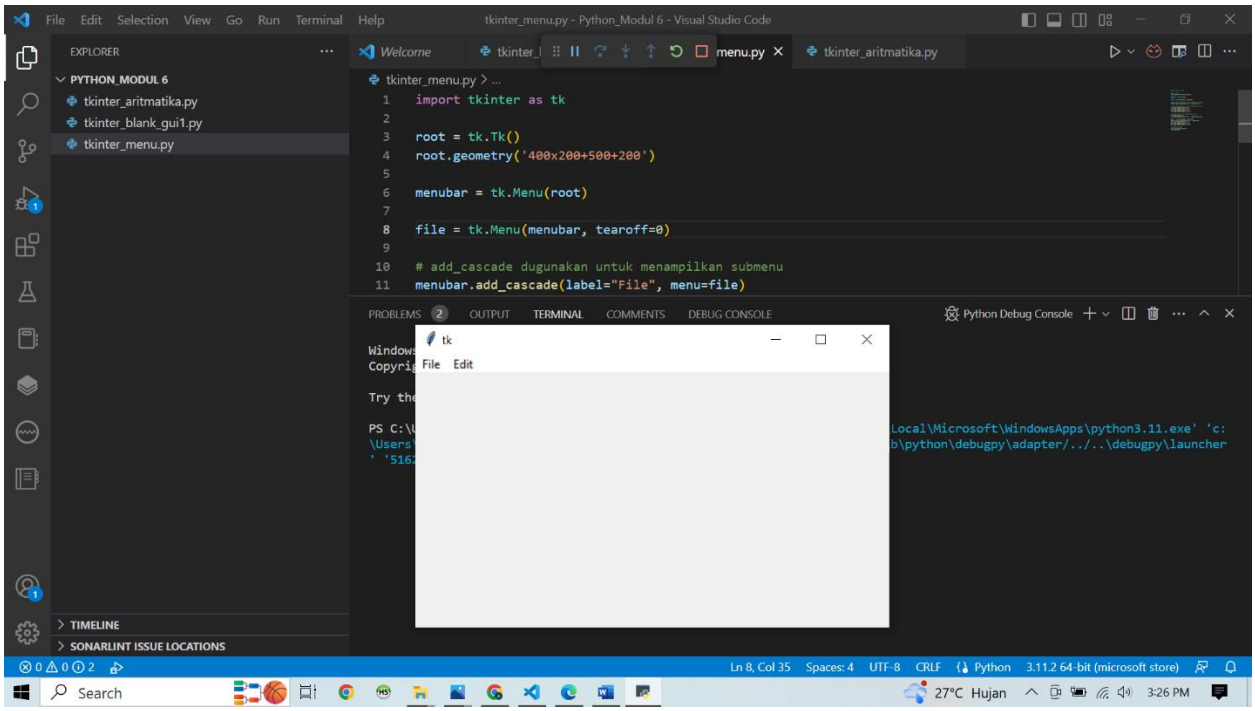


Gambar Aplikasi Aritmatika

3. Membuat Menu



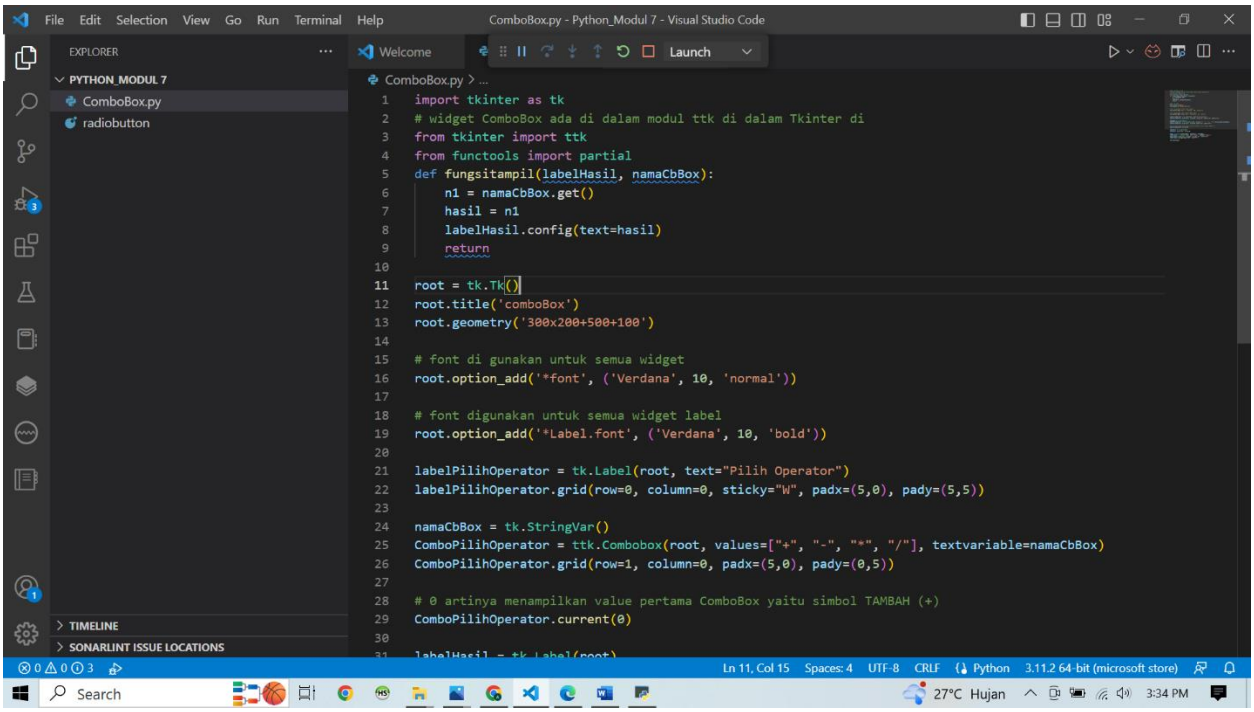
Kode Tampilan Menu



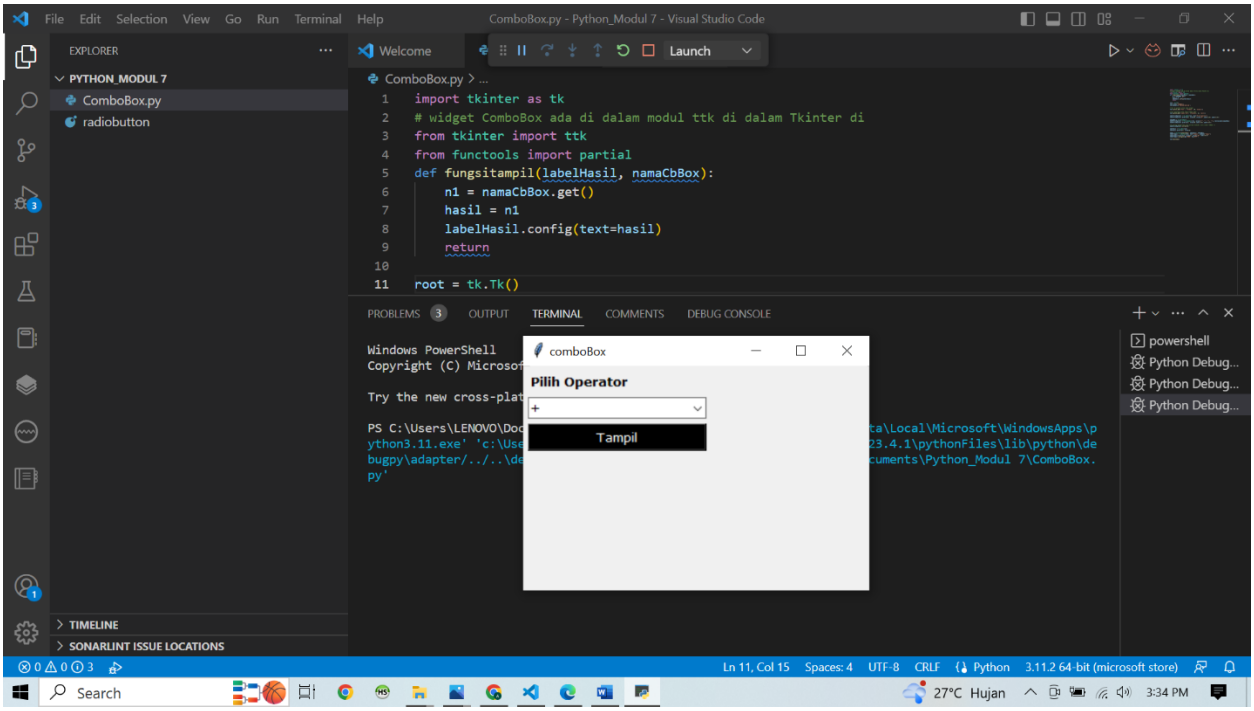
Gambar Tambilan Menu

Python Modul 7

1. ComboBox

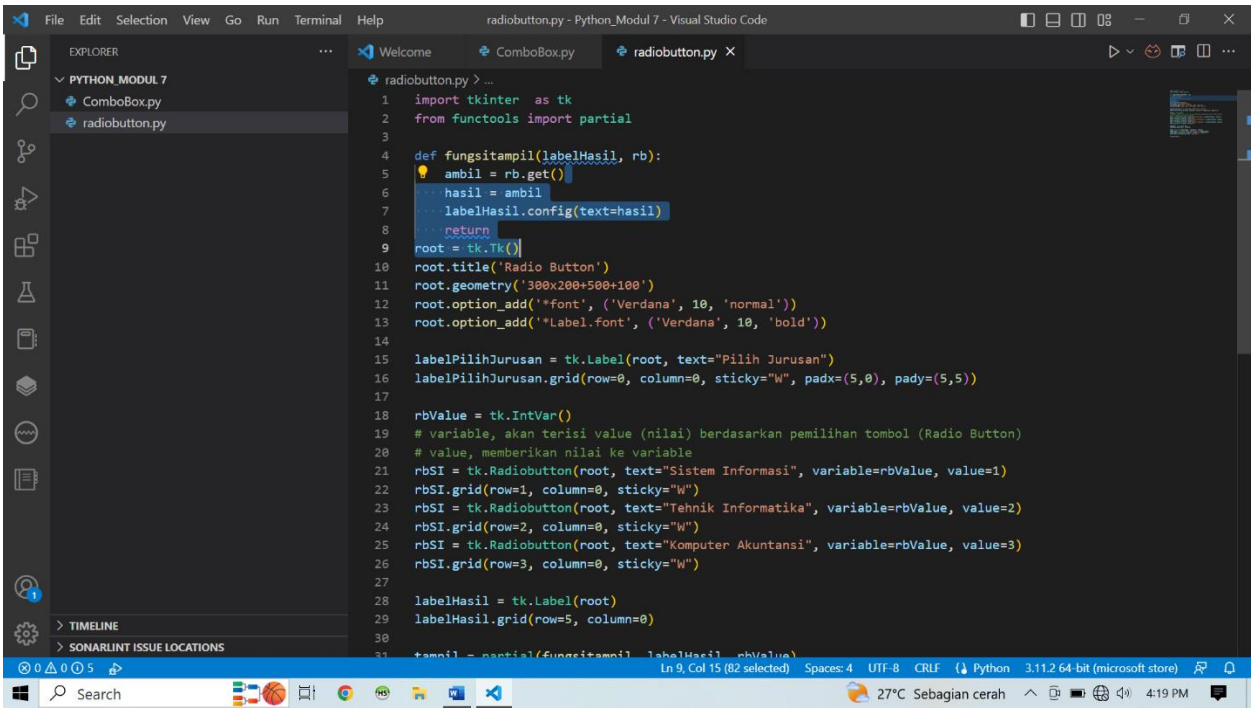


Kode Tampilan ComboBox



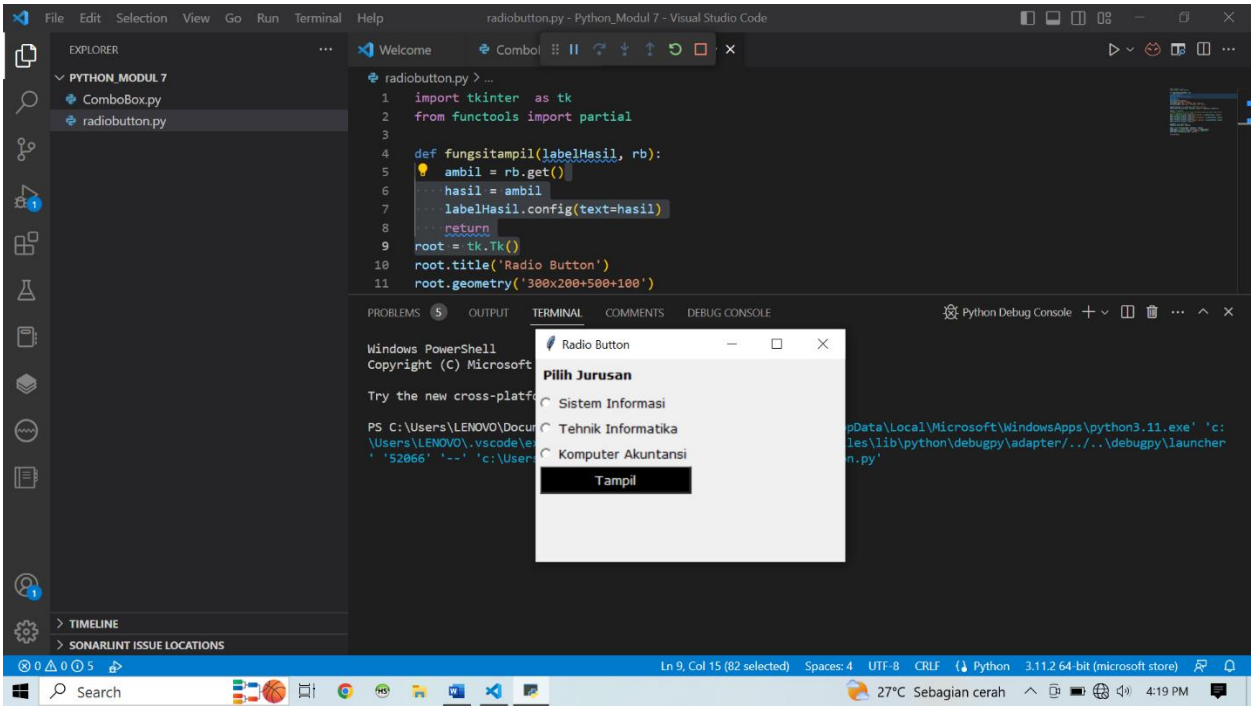
Tampilan ComboBox

2. RadioButton



```python
import tkinter  as tk
from functools import partial

def fungsitampil(labelHasil, rb):
    ambil = rb.get()
    hasil = ambil
    labelHasil.config(text=hasil)
    return
root = tk.Tk()
root.title('Radio Button')
root.geometry('300x200+500+100')
root.option_add('*font', ('Verdana', 10, 'normal'))
root.option_add('*Label.font', ('Verdana', 10, 'bold'))

labelPilihJurusan = tk.Label(root, text="Pilih Jurusan")
labelPilihJurusan.grid(row=0, column=0, sticky="W", padx=(5,0), pady=(5,5))

rbValue = tk.IntVar()
# variable, akan terisi value (nilai) berdasarkan pemilihan tombol (Radio Button)
# value, memberikan nilai ke variable
rbSI = tk.Radiobutton(root, text="Sistem Informasi", variable=rbValue, value=1)
rbSI.grid(row=1, column=0, sticky="W")
rbSI = tk.Radiobutton(root, text="Tehnik Informatika", variable=rbValue, value=2)
rbSI.grid(row=2, column=0, sticky="W")
rbSI = tk.Radiobutton(root, text="Komputer Akuntansi", variable=rbValue, value=3)
rbSI.grid(row=3, column=0, sticky="W")

labelHasil = tk.Label(root)
labelHasil.grid(row=5, column=0)
```

Kode Tampilan RadioButton



Tampilan RadioButton