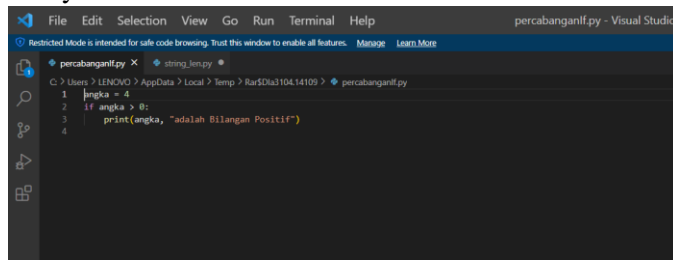


Nama : I Nengah Ariya Subawa

Nim : 211001067

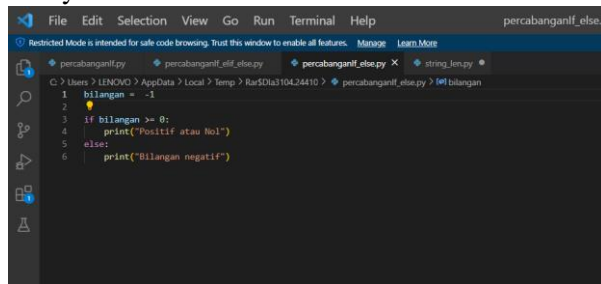
Kelas : Informatika D

1. Pernyataan if



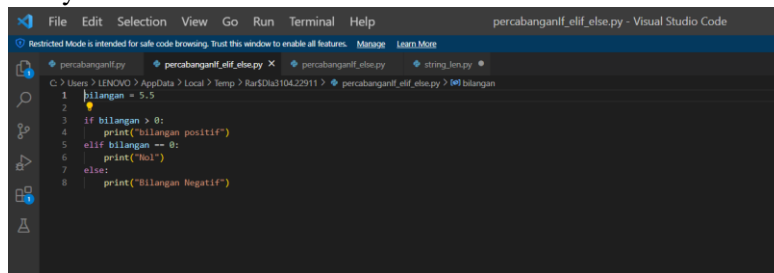
```
File Edit Selection View Go Run Terminal Help percabanganif.py - Visual Studio
Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More
percabanganif.py string_jenpy
G:\Users\LENOVO> AppData\Local\Temp\Rar$Di3104.14109> percabanganif.py
1 angka = 4
2 if angka > 0:
3     print(angka, "adalah Bilangan Positif")
4
```

2. Pernyataan if...else



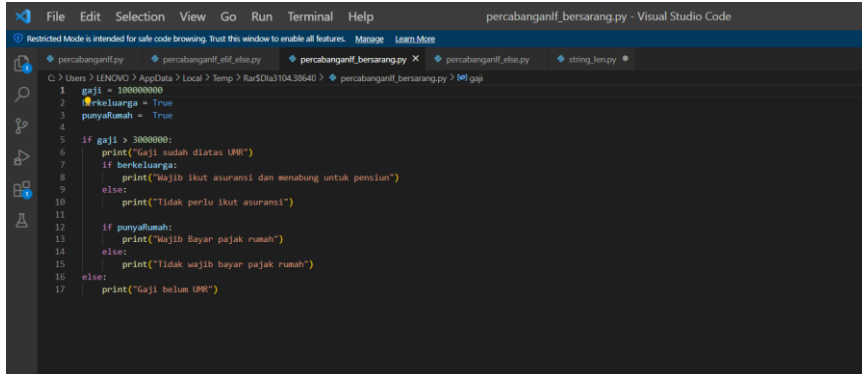
```
File Edit Selection View Go Run Terminal Help percabanganif_else.py - Visual Studio
Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More
percabanganif.py percabanganif_else.py percabanganif_else.py string_jenpy
G:\Users\LENOVO> AppData\Local\Temp\Rar$Di3104.24410> percabanganif_else.py 1 bilangan
1 bilangan = -1
2
3 if bilangan >= 0:
4     print("Positif atau Nol")
5 else:
6     print("Bilangan negatif")
```

3. Pernyataan if...elif...else...



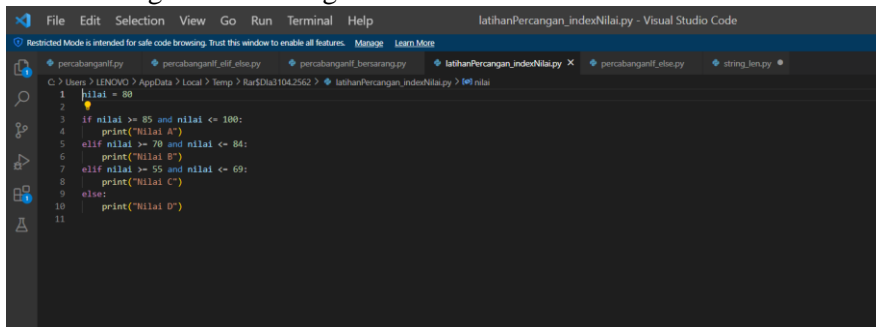
```
File Edit Selection View Go Run Terminal Help percabanganif_elif_else.py - Visual Studio Code
Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More
percabanganif.py percabanganif_elif_else.py percabanganif_else.py string_jenpy
G:\Users\LENOVO> AppData\Local\Temp\Rar$Di3104.22911> percabanganif_elif_else.py 1 bilangan
1 bilangan = 5.5
2
3 if bilangan > 0:
4     print("bilangan positif")
5 elif bilangan == 0:
6     print("Nol")
7 else:
8     print("Bilangan Negatif")
```

4. Tambahan : if Bersarang



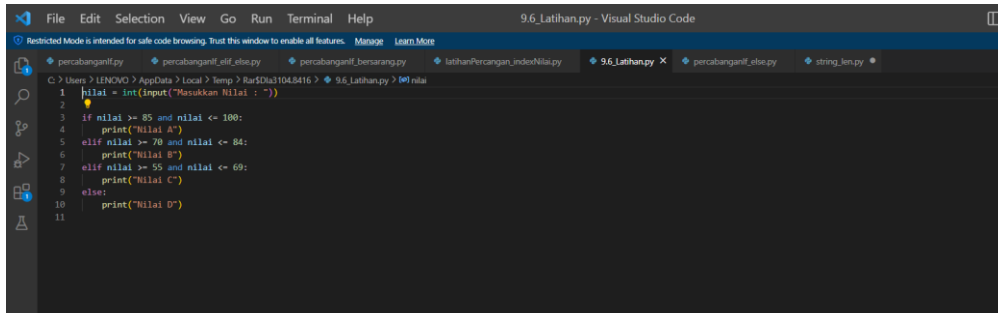
```
File Edit Selection View Go Run Terminal Help percabanganIf_bersarang.py - Visual Studio Code
Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More
percabanganIf.py percabanganIf_elif_else.py percabanganIf_bersarang.py X percabanganIf_else.py string_len.py
C:\Users> IENOV0 > AppData > Local > Temp > Rar$Dn3104.38640 > percabanganIf_bersarang.py > | gaj
1 gaji = 100000000
2 berkeluarga = True
3 punyaRumah = True
4
5 if gaji > 3000000:
6     print("Gaji sudah diatas UMR")
7     if berkeluarga:
8         print("Wajib ikut asuransi dan menabung untuk pensiun")
9     else:
10        print("Tidak perlu ikut asuransi")
11
12    if punyaRumah:
13        print("Wajib Bayar pajak rumah")
14    else:
15        print("Tidak wajib bayar pajak rumah")
16 else:
17    print("Gaji belum UMR")
```

5. Contoh Program Percabangan Indeks Nilai Statis



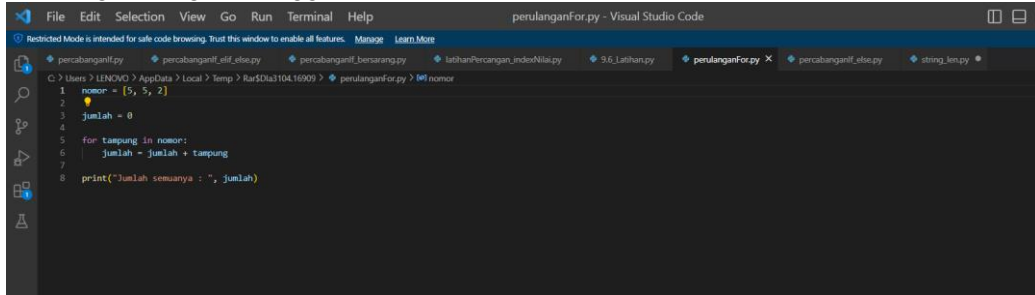
```
File Edit Selection View Go Run Terminal Help latihanPercangan_indexNilai.py - Visual Studio Code
Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More
percabanganIf.py percabanganIf_elif_else.py percabanganIf_bersarang.py latihanPercangan_indexNilai.py X percabanganIf_else.py string_len.py
C:\Users> IENOV0 > AppData > Local > Temp > Rar$Dn3104.2562 > latihanPercangan_indexNilai.py > | nilai
1 nilai = 80
2
3 if nilai >= 85 and nilai <= 100:
4     print("Nilai A")
5 elif nilai >= 70 and nilai <= 84:
6     print("Nilai B")
7 elif nilai >= 55 and nilai <= 69:
8     print("Nilai C")
9 else:
10    print("Nilai D")
11
```

6. Latihan 9.6



```
File Edit Selection View Go Run Terminal Help 9.6_Latihan.py - Visual Studio Code
Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More
percabanganIf.py percabanganIf_elif_else.py percabanganIf_bersarang.py latihanPercangan_indexNilai.py 9.6_Latihan.py X percabanganIf_else.py string_len.py
C:\Users> IENOV0 > AppData > Local > Temp > Rar$Dn3104.8416 > 9.6_Latihan.py > | nilai
1 nilai = int(input("Masukkan Nilai : "))
2
3 if nilai >= 85 and nilai <= 100:
4     print("Nilai A")
5 elif nilai >= 70 and nilai <= 84:
6     print("Nilai B")
7 elif nilai >= 55 and nilai <= 69:
8     print("Nilai C")
9 else:
10    print("Nilai D")
11
```

7. Perulangan dengan Menggunakan for

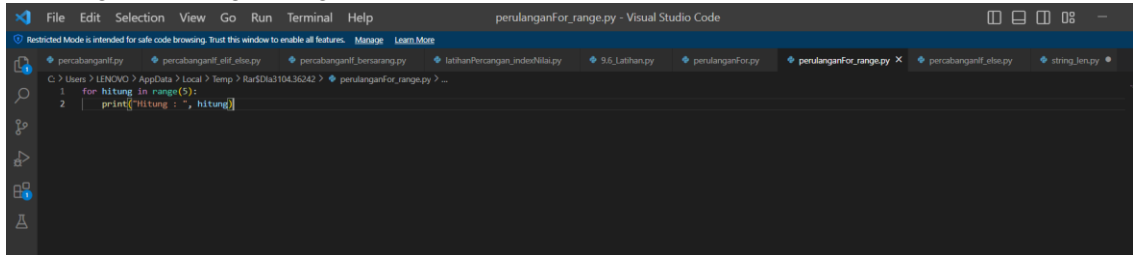


```
File Edit Selection View Go Run Terminal Help
perulanganFor.py - Visual Studio Code

Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More

perulanganFor.py perulanganFor_elif.py perulanganFor_bersarang.py latihanPerulangan_indeksNilai.py 9.6_Latihan.py perulanganFor.py x perulanganFor_else.py string_len.py
C:\Users\LENOVO\AppData\Local\Temp\Rar$Di3104.16909\perulanganFor.py [1] nomor
1 nomor = [5, 5, 2]
2
3 jumlah = 0
4
5 for tampung in nomor:
6     jumlah = jumlah + tampung
7
8 print("Jumlah semuanya : ", jumlah)
```

8. Perulangan for dengan range

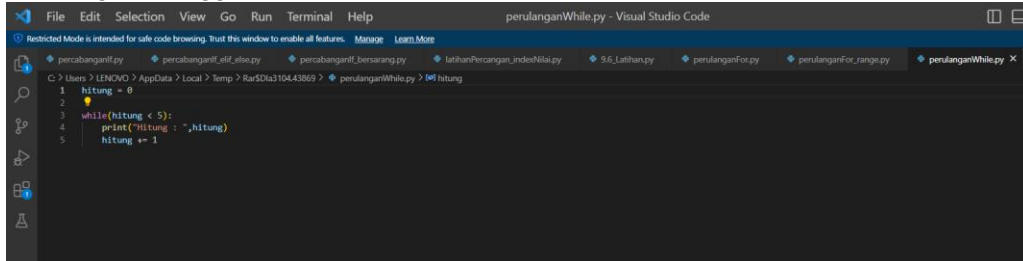


```
File Edit Selection View Go Run Terminal Help
perulanganFor_range.py - Visual Studio Code

Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More

perulanganFor.py perulanganFor_elif.py perulanganFor_bersarang.py latihanPerulangan_indeksNilai.py 9.6_Latihan.py perulanganFor.py x perulanganFor_range.py x perulanganFor_else.py string_len.py
C:\Users\LENOVO\AppData\Local\Temp\Rar$Di3104.36242\perulanganFor_range.py > ...
1 for hitung in range(5):
2     print("Hitung : ", hitung)
```

9. Perulangan Menggunakan while

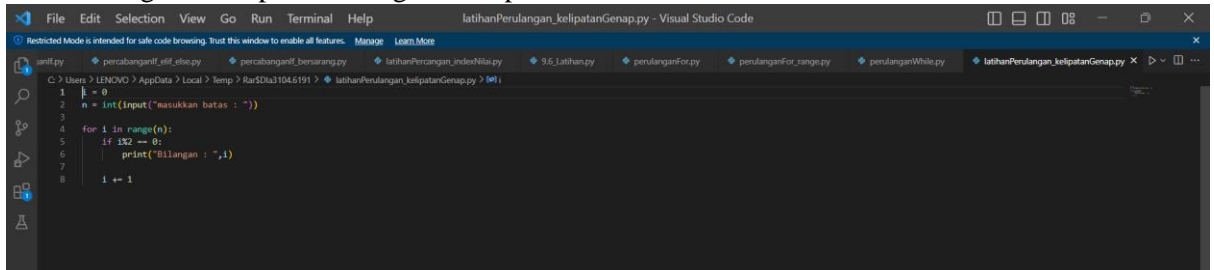


```
File Edit Selection View Go Run Terminal Help
perulanganWhile.py - Visual Studio Code

Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More

perulanganFor.py perulanganFor_elif.py perulanganFor_bersarang.py latihanPerulangan_indeksNilai.py 9.6_Latihan.py perulanganFor.py perulanganFor_range.py perulanganWhile.py x
C:\Users\LENOVO\AppData\Local\Temp\Rar$Di3104.43869\perulanganWhile.py [1] hitung
1 hitung = 0
2
3 while(hitung < 5):
4     print("Hitung : ", hitung)
5     hitung += 1
```

10. Contoh Program Kelipatan Bilangan Genap

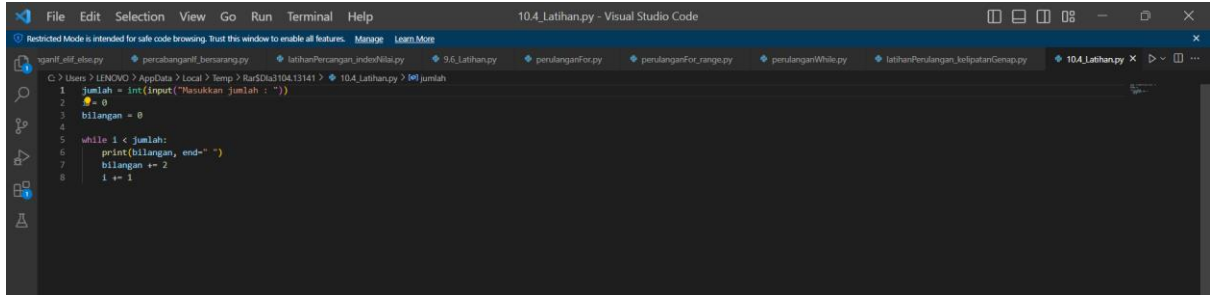


```
File Edit Selection View Go Run Terminal Help
latihanPerulangan_kelipatanGenap.py - Visual Studio Code

Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More

latihanPerulangan_kelipatanGenap.py perulanganFor.py perulanganFor_range.py perulanganWhile.py latihanPerulangan_kelipatanGenap.py x
C:\Users\LENOVO\AppData\Local\Temp\Rar$Di3104.6191\latihanPerulangan_kelipatanGenap.py [1]
1 i = 0
2 n = int(input("masukkan batas : "))
3
4 for i in range(n):
5     if i%2 == 0:
6         print("Bilangan : ", i)
7
8     i += 1
```

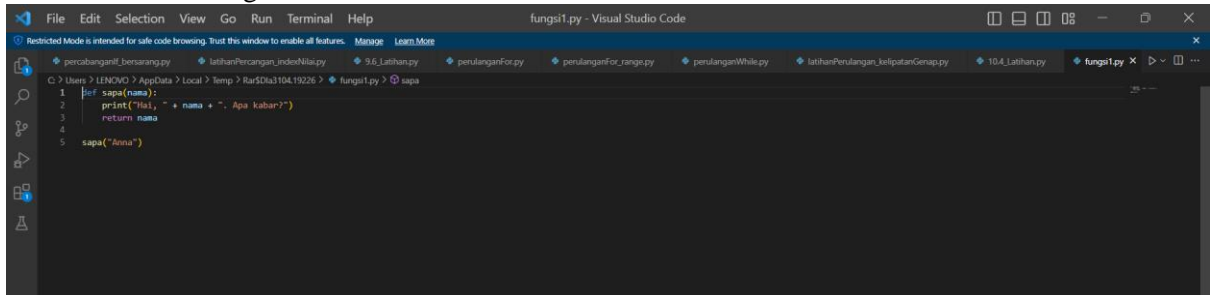
11. Latihan 10.4



The screenshot shows the Visual Studio Code editor with a file named `10.4_Latihan.py`. The code is a Python script that prompts the user to enter a number and then prints a sequence of even numbers from 2 to that number. The code is as follows:

```
1 jumlah = int(input("Masukkan jumlah : "))
2 a = 0
3 bilangan = 0
4
5 while 1 < jumlah:
6     print(bilangan, end=" ")
7     bilangan += 2
8     1 += 1
```

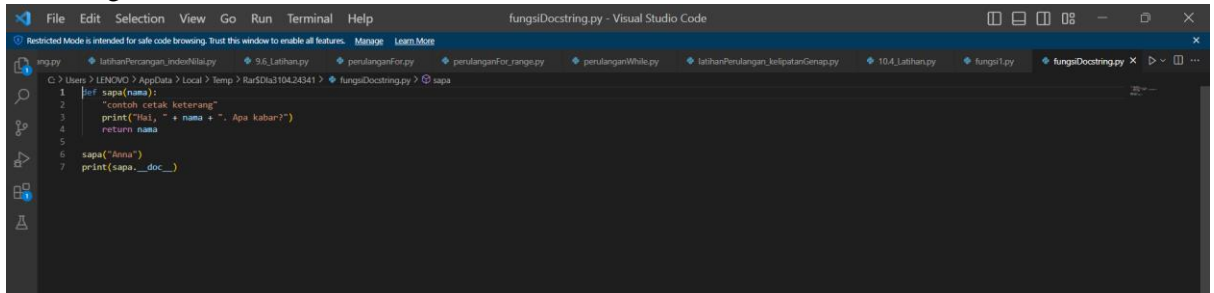
12. Mendefinisikan Fungsi



The screenshot shows the Visual Studio Code editor with a file named `fungsi1.py`. The code defines a function `sapa` that takes a name as input and returns a greeting. The code is as follows:

```
1 def sapa(nama):
2     print("Hai, " + nama + ". Apa kabar?")
3     return nama
4
5 sapa("Anna")
```

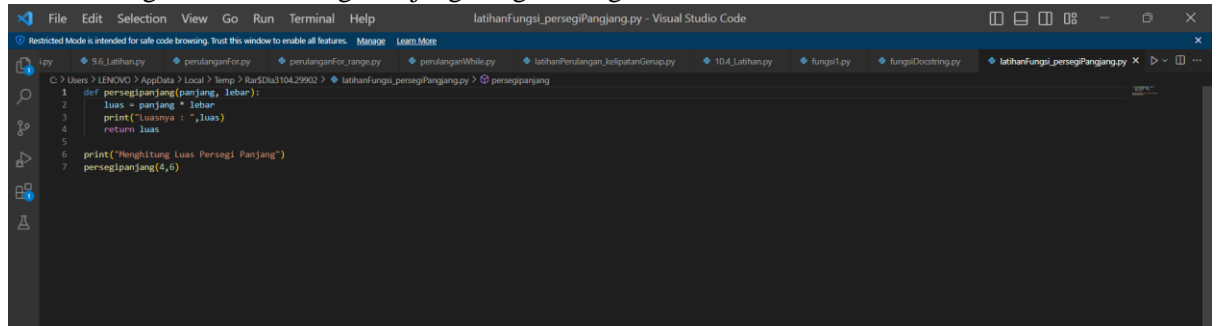
13. Docstring



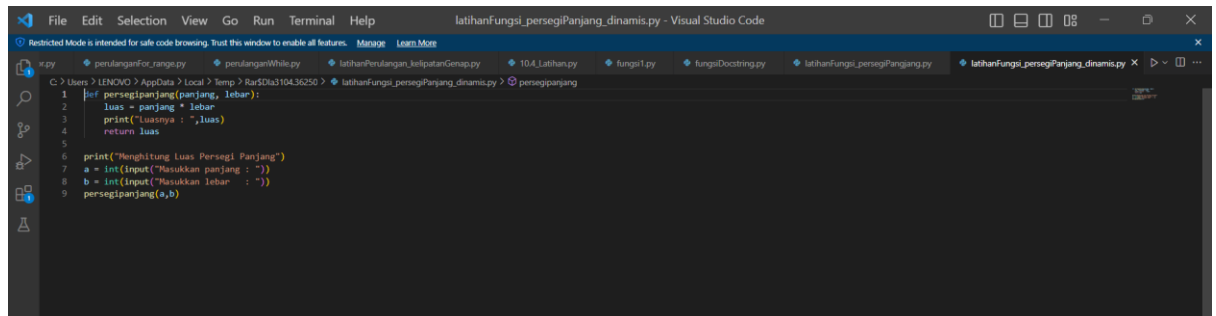
The screenshot shows the Visual Studio Code editor with a file named `fungsiDocstring.py`. The code defines a function `sapa` with a docstring and then calls the function. The code is as follows:

```
1 def sapa(nama):
2     """contoh cetak keterangan"""
3     print("Hai, " + nama + ". Apa kabar?")
4     return nama
5
6 sapa("Anna")
7 print(sapa.__doc__)
```

14. Contoh Program Luas Persegi Panjang dengan Fungsi

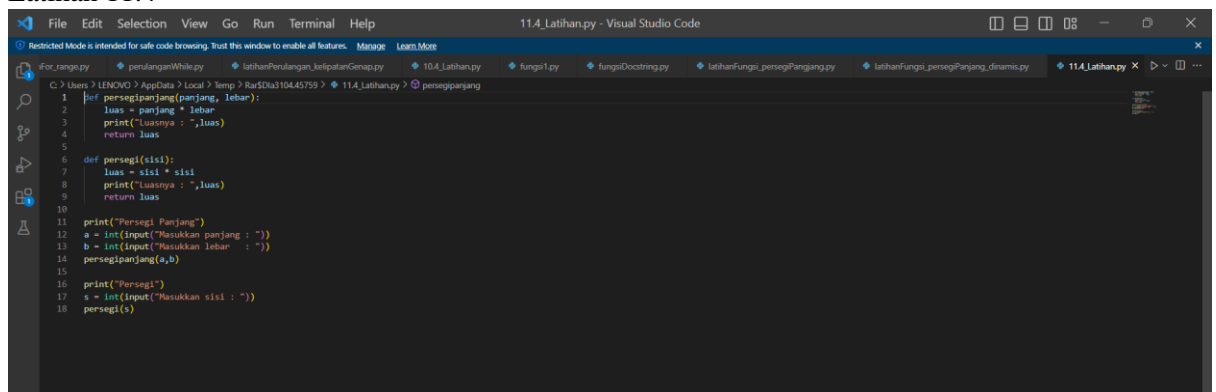


```
File Edit Selection View Go Run Terminal Help latihanFungsi_persegiPanjang.py - Visual Studio Code
Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More
1 def persegiPanjang(panjang, lebar):
2     luas = panjang * lebar
3     print("Luasnya : ",luas)
4     return luas
5
6 print("Menghitung Luas Persegi Panjang")
7 persegiPanjang(4,6)
```



```
File Edit Selection View Go Run Terminal Help latihanFungsi_persegiPanjang_dinamis.py - Visual Studio Code
Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More
1 def persegiPanjang(panjang, lebar):
2     luas = panjang * lebar
3     print("Luasnya : ",luas)
4     return luas
5
6 print("Menghitung Luas Persegi Panjang")
7 a = int(input("Masukkan panjang : "))
8 b = int(input("Masukkan lebar : "))
9 persegiPanjang(a,b)
```

15. Latihan 11.4



```
File Edit Selection View Go Run Terminal Help 11.4_Latihan.py - Visual Studio Code
Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More
1 def persegiPanjang(panjang, lebar):
2     luas = panjang * lebar
3     print("Luasnya : ",luas)
4     return luas
5
6 def persegi(sisi):
7     luas = sisi * sisi
8     print("Luasnya : ",luas)
9     return luas
10
11 print("Persegi Panjang")
12 a = int(input("Masukkan panjang : "))
13 b = int(input("Masukkan lebar : "))
14 persegiPanjang(a,b)
15
16 print("Persegi")
17 s = int(input("Masukkan sisi : "))
18 persegi(s)
```