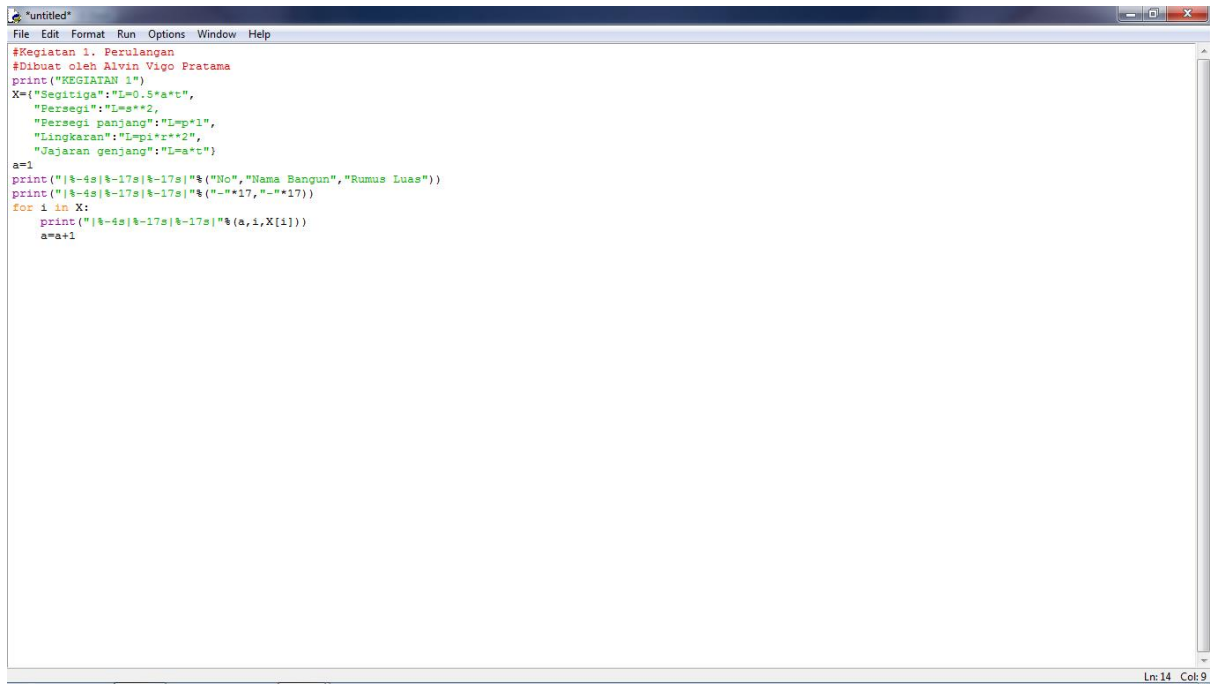


Praktikum Algoritma dan Pemrograman

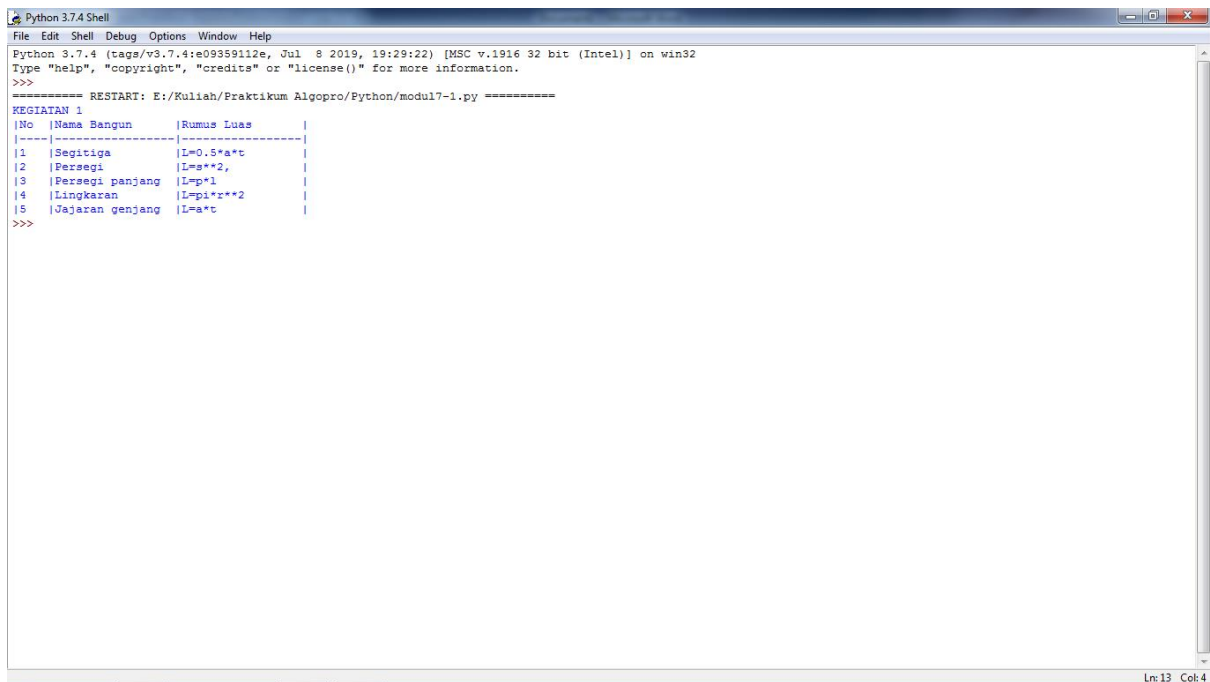
Modul 7

Kegiatan 1. Perulangan



```
File Edit Format Run Options Window Help
#Kegiatan 1. Perulangan
#Dibuat oleh Alvin Vigo Pratama
print("KEGIATAN 1")
X=("Segitiga":L=0.5*a*t",
   "Persegi":L=a**2,
   "Persegi panjang":L=p*1",
   "Lingkaran":L=pi*r**2",
   "Jajaran genjang":L=a*t")
a=1
print("|%-4s|%-17s|%-17s|"%("No","Nama Bangun","Rumus Luas"))
print("|%-4s|%-17s|%-17s|"%("-"*17,"-"*17))
for i in X:
    print("|%-4s|%-17s|%-17s|"% (a,i,X[i]))
    a=a+1
```

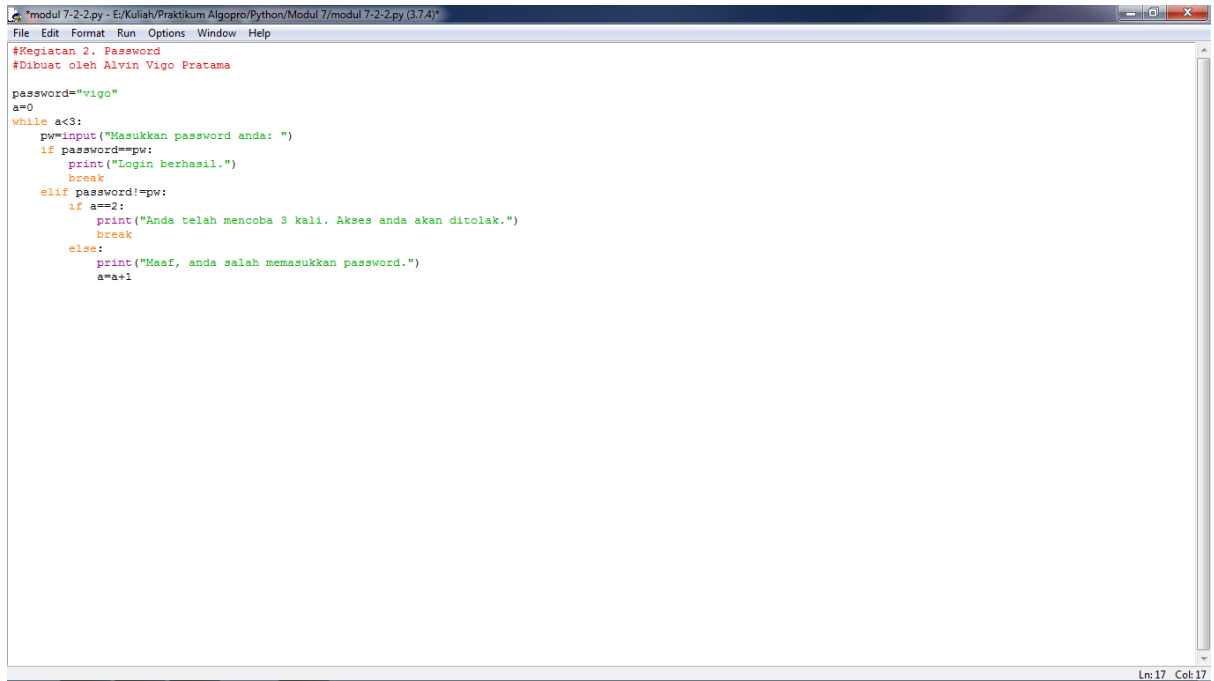
Ln:14 Col:9



```
Python 3.7.4 Shell
File Edit Shell Debug Options Window Help
Python 3.7.4 (tags/v3.7.4:e09359112e, Jul 8 2019, 19:29:22) [MSC v.1916 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: E:/Kuliah/Praktikum Algopro/Python/modul7-1.py =====
KEGIATAN 1
|No |Nama Bangun |Rumus Luas |
|---|-----|-----|
|1 |Segitiga |L=0.5*a*t |
|2 |Persegi |L=s**2, |
|3 |Persegi panjang |L=p*1 |
|4 |Lingkaran |L=pi*r**2 |
|5 |Jajaran genjang |L=a*t |
>>>
```

Ln:13 Col:4

Kegiatan 2. Password

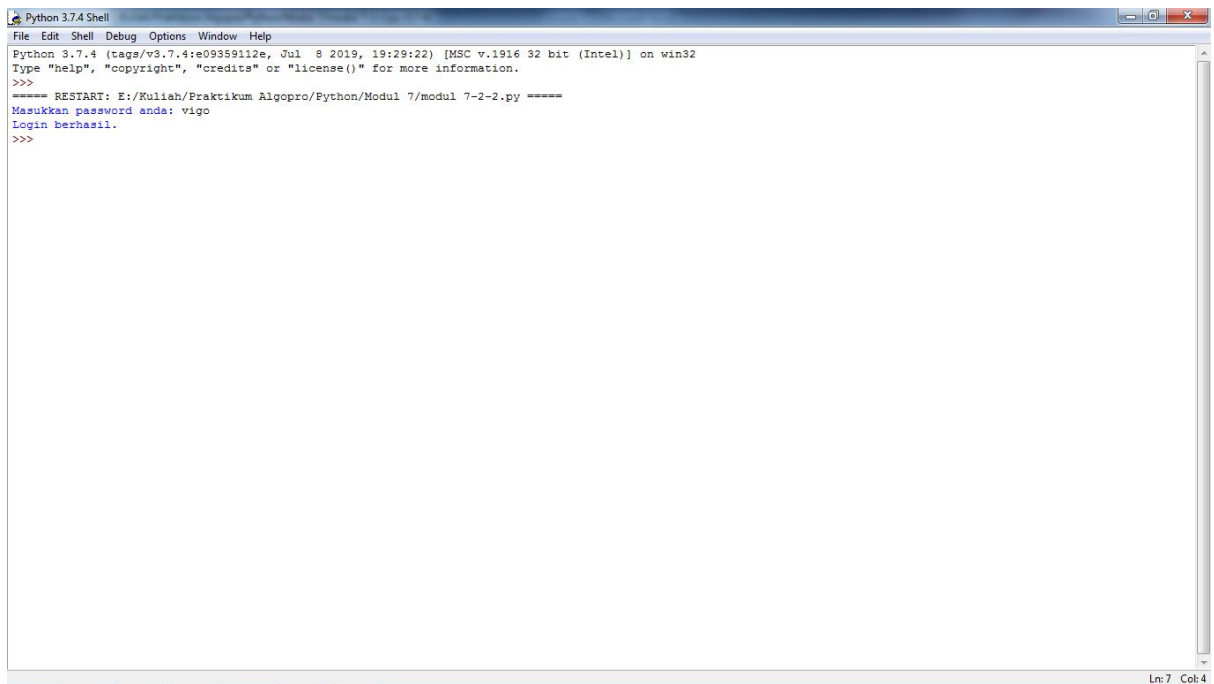


A screenshot of a Python IDE window titled "modul 7-2-2.py - E:/Kuliah/Praktikum Algoritma/Python/Modul 7/modul 7-2-2.py (3.7.4)". The window contains a Python script for a password login system. The script sets a password to "vigo" and allows up to 3 attempts. If the password is correct, it prints "Login berhasil.". If the password is incorrect 3 times, it prints "Anda telah mencoba 3 kali. Akses anda akan ditolak.". If the password is incorrect, it prints "Maaf, anda salah memasukkan password." and increments the attempt counter.

```
#Kegiatan 2. Password
#Dibuat oleh Alvin Vigo Pratama

password="vigo"
a=0
while a<3:
    pw=input("Masukkan password anda: ")
    if password==pw:
        print("Login berhasil.")
        break
    elif password!=pw:
        if a==2:
            print("Anda telah mencoba 3 kali. Akses anda akan ditolak.")
            break
        else:
            print("Maaf, anda salah memasukkan password.")
            a=a+1
```

Ln: 17 Col: 17



A screenshot of a Python 3.7.4 Shell window. It shows the execution of the script from the previous image. The user enters "vigo" as the password, and the program outputs "Login berhasil.". The shell also displays the restart command and the file path.

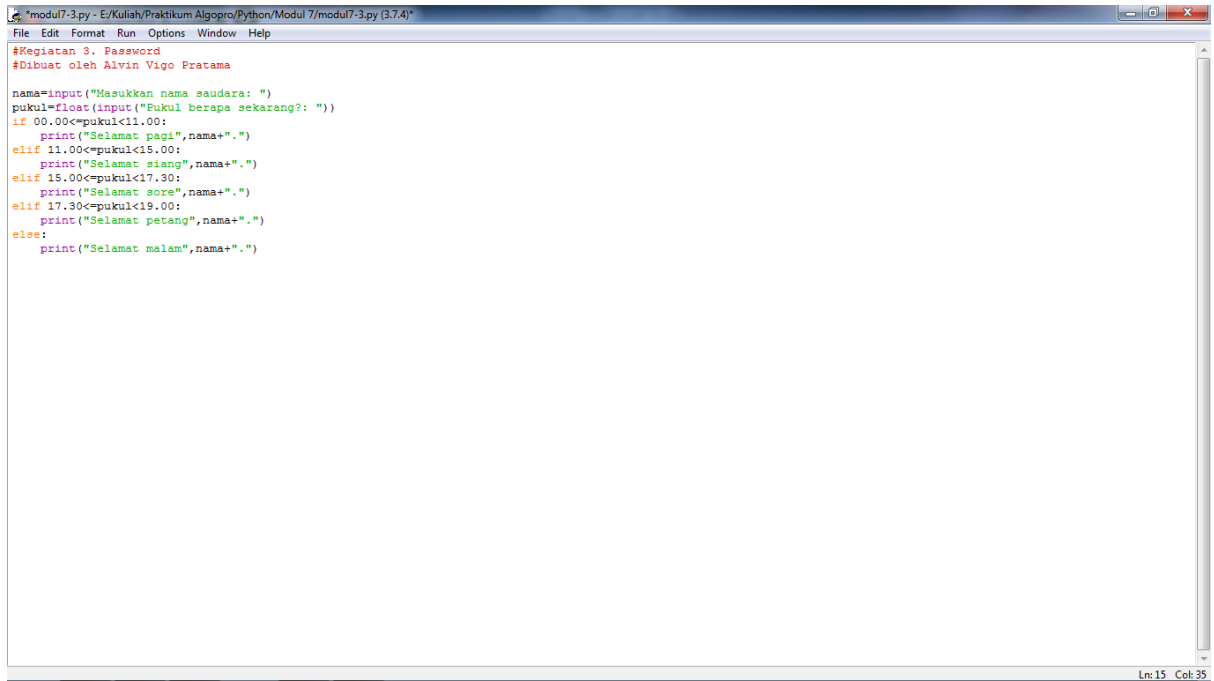
```
Python 3.7.4 Shell
File Edit Shell Debug Options Window Help
Python 3.7.4 (tags/v3.7.4:09359112e, Jul 8 2019, 19:29:22) [MSC v.1916 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: E:/Kuliah/Praktikum Algoritma/Python/Modul 7/modul 7-2-2.py =====
Masukkan password anda: vigo
Login berhasil.
>>>
```

Ln: 7 Col: 4

```
Python 3.7.4 Shell
File Edit Shell Debug Options Window Help
Python 3.7.4 (tags/v3.7.4:e09359112e, Jul 8 2019, 19:29:22) [MSC v.1916 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: E:/Kuliah/Praktikum Algoritma/Python/Modul 7/modul 7-2-2.py =====
Masukkan password anda: owow
Maaf, anda salah memasukkan password.
Masukkan password anda: lmao
Maaf, anda salah memasukkan password.
Masukkan password anda: ekzz
Anda telah mencoba 3 kali. Akses anda akan ditolak.
>>>
```

Ln: 11 Col: 4

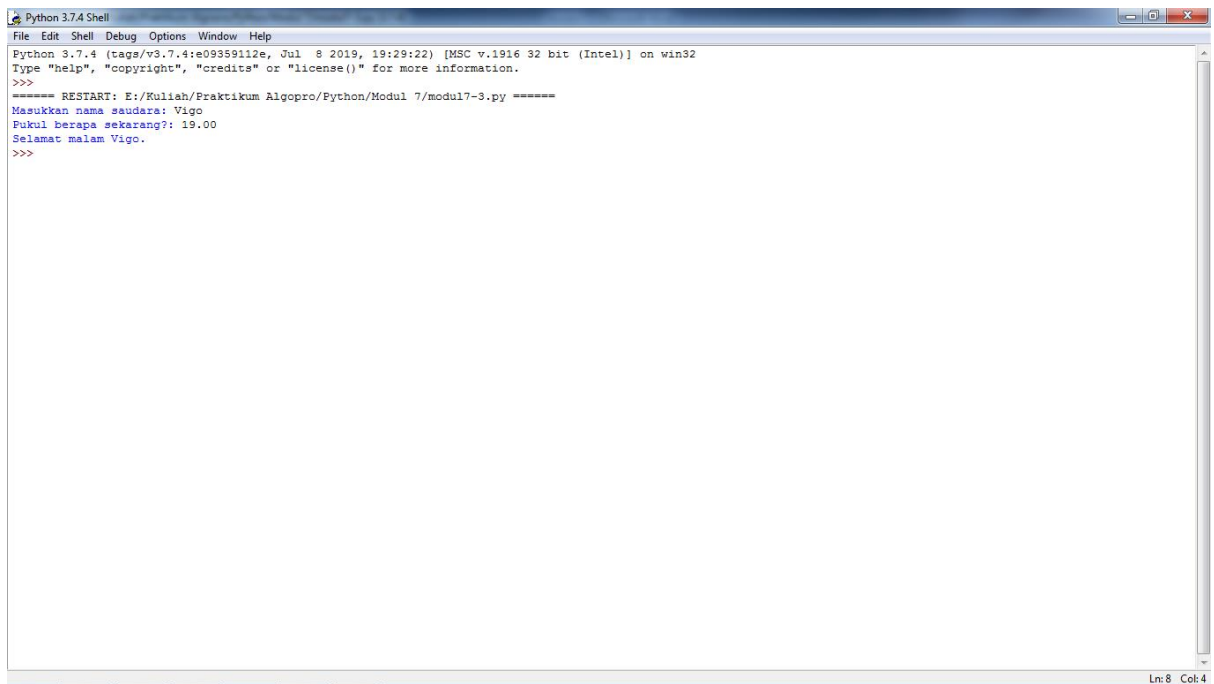
Kegiatan 3. Ucapan Selamat



```
#Kegiatan 3. Password
#Dibuat oleh Alvin Vigo Pratama

nama=input("Masukkan nama saudara: ")
pukul=float(input("Pukul berapa sekarang?: "))
if 00.00<=pukul<11.00:
    print("Selamat pagi",nama+".")
elif 11.00<=pukul<15.00:
    print("Selamat siang",nama+".")
elif 15.00<=pukul<17.30:
    print("Selamat sore",nama+".")
elif 17.30<=pukul<19.00:
    print("Selamat petang",nama+".")
else:
    print("Selamat malam",nama+".")
```

Ln: 15 Col: 35



```
Python 3.7.4 Shell
File Edit Shell Debug Options Window Help
Python 3.7.4 (tags/v3.7.4:e09359112e, Jul 8 2019, 19:29:22) [MSC v.1916 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: E:/Kuliah/Praktikum Algoritma/Python/Modul 7/modul7-3.py =====
Masukkan nama saudara: Vigo
Pukul berapa sekarang?: 19.00
Selamat malam Vigo.
>>>
```

Ln: 8 Col: 4

Alvin Vigo Pratama

L200190226

Informatika