

# Praktikum Algoritma dan Pemrograman

## Modul 7

### Kegiatan 1. Perulangan

```
Kegiatan1.Perulangan.py - E:\tugas\Kegiatan1.Perulangan.py (3.7.4)
File Edit Format Run Options Window Help

#Kegiatan1.Perulangan
#Dibuat Oleh Bagas Cahyo U L200190249
print ("Kegiatan 1")
X = {"Segitiga": "L = 0.5 * a * t",
     "Persegi": "L = s ** 2",
     "Persegi Panjang": "L = p * l",
     "Lingkaran": "L = pi * r ** 2",
     "Jajaran Genjang": "L = a * t"}

a = 1
print ("%4s|%17s|%17s" % ("No", "Nama Bagunan", "Rumus Luas"))
print ("%4s|%17s|%17s" % ("-"*4, "-"*17, "-"*17))

for i in X:
    print ("%4s|%17s|%17s" % (a, i, X[i]))
    a = a + 1
```

Ln: 2 Col: 37

```
Kegiatan1.Perulangan.py - E:\tugas\Kegiatan1.Perulangan.py (3.7.4)
File Edit Format Run Options Window Help

#Kegiatan1.Perulangan
#Dibuat Oleh Bagas Cahyo U L200190249
print ("Kegiatan 1")
X = {"Segitiga": "L = 0.5 * a * t",
     "Persegi": "L = s ** 2",
     "Persegi Panjang": "L = p * l",
     "Lingkaran": "L = pi * r ** 2",
     "Jajaran Genjang": "L = a * t"}

a = 1
print ("%4s|%17s|%17s" % ("No", "Nama Bagunan", "Rumus Luas"))
print ("%4s|%17s|%17s" % ("-"*4, "-"*17, "-"*17))

for i in X:
    print ("%4s|%17s|%17s" % (a, i, X[i]))
    a = a + 1
```

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:\tugas\Kegiatan1.Perulangan.py =====
Kegiatan 1
No Nama Bagunan Rumus Luas
1 Segitiga L = 0.5 * a * t
2 Persegi L = s ** 2
3 Persegi Panjang L = p * l
4 Lingkaran L = pi * r ** 2
5 Jajaran Genjang L = a * t
>>>
```

Ln: 2 Col: 37

## Kegiatan 2. Password

```
Kegiatan2.Password.py - E:\tugas\Kegiatan2.Password.py (3.7.4)
File Edit Format Run Options Window Help

#Kegiatan2.Password
#Dibuat Oleh Bagas Cahyo U L200190249

password = "origi"
a = 0
while a<3 :
    x = input("Masukkan Password:")
    if x == ("origi") :
        print("Anda berhasil login")
        break
    elif x != ("origi") :
        if a == 2 :
            print("Anda telah mencoba 3 kali. Akses anda ditolak")
            break
        else:
            print("Maaf, anda salah memasukkan password")
            a = a+1

Ln: 1 Col: 0
```

```
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:\tugas\Kegiatan2.Password.py =====
Masukkan Password:aaaa
Maaf, anda salah memasukkan password
Masukkan Password:bbbb
Maaf, anda salah memasukkan password
Masukkan Password:cccc
Anda telah mencoba 3 kali. Akses anda ditolak
>>>
===== RESTART: E:\tugas\Kegiatan2.Password.py =====
Masukkan Password:origi
Anda berhasil login
>>>

Ln: 15 Col: 4
```

### Kegiatan 3. Ucapan Selamat

```
Kegiatan3.UcapanSelamat.py - E:\tugas\Kegiatan3.UcapanSelamat.py (3.7.4)
File Edit Format Run Options Window Help

#Kegiatan3.UcapanSelamat
#Dibuat Oleh Bagas Cahyo U L200190249

y=input('Masukkan nama anda:')
x=float(input('Pukul berapa sekarang?'))
if 00.00<=x<10.00:
    print('Selamat Pagi')
elif 10.00<=x<14.00:
    print('Selamat Siang')
elif 14.00<=x<17.00:
    print('Selamat Sore')
else:
    print('Selamat Malam')
```

Ln: 1 Col: 0

```
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:\tugas\Kegiatan3.UcapanSelamat.py =====
Masukkan nama anda:joni
Pukul berapa sekarang?3.00
Selamat Pagi
>>>
===== RESTART: E:\tugas\Kegiatan3.UcapanSelamat.py =====
Masukkan nama anda:joni
Pukul berapa sekarang?13.00
Selamat Siang
>>>
===== RESTART: E:\tugas\Kegiatan3.UcapanSelamat.py =====
Masukkan nama anda:joni
Pukul berapa sekarang?16.00
Selamat Sore
>>>
===== RESTART: E:\tugas\Kegiatan3.UcapanSelamat.py =====
Masukkan nama anda:joni
Pukul berapa sekarang?23.00
Selamat Malam
>>> |
```

Ln: 23 Col: 4