Nama: Novitasari

Nim : 20.01.013.012

Kelas: Python_D

Modul 5

• Contoh pernyataan if:

```
percabangan_ifpy > ...

1 angka = 4

2 if angka > 0:

3 print(angka, "adalah Bilangan Positif.")

4

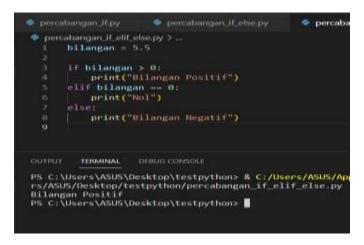
OUTFUT TERMINAL DEBUG CONSOLE

PS C:\Users\ASUS\Desktop\testpython> & C:\Users\ASUS\AppDatrs\ASUS\Desktop\testpython>percabangan_if.py

4 adalah Bilangan Positif.
PS C:\Users\ASUS\Desktop\testpython>
```

• Contoh pernyataan if else:

• Contoh pernyataan if elif else:



• Contoh pernyataan if bersarang:

```
persisenger, it is a provised by the second content of the second
```

• Contoh program percabangan indeks nilai statis:

• Contoh perulangan for:

• Contoh perulangan for dengan range:

```
perulanganforrange.py > ...
1     for hitung in range (5):
2         print("Hitung :", hitung)

OUTPUT         TERMINAL         DEBUG CONSOLE

PS C:\Users\ASUS\Desktop\testpython> & C:\Users\ASUS\Approximates\ASUS\Desktop\testpython/perulanganforrange.py
Hitung : 0
Hitung : 1
Hitung : 2
Hitung : 3
Hitung : 3
Hitung : 4
PS C:\Users\ASUS\Desktop\testpython>
```

• Contoh perulangan while:

• Contoh program kelipatan bilangan genap:

```
    perulanganforrange.py

                                              perulangan
perulangan_kelipatan_genap.py > ...
      i = 0
      n = int(input ("Masukkan Batas : "))
     for i in range(n):
              print("Bilangan :"; i)
OUTPUT TERMINAL DEBUG CONSOLE
PS C:\Users\ASUS\Desktop\testpython> & C:/Users/ASUS/AppDa
rs/ASUS/Desktop/testpython/perulangan_kelipatan_genap.py
Masukkan Batas : 8
Bilangan : 0
Bilangan : 2
Bilangan : 4
Bilangan : 6
PS C:\Users\ASUS\Desktop\testpython>
```

Contoh fungsi:

• Contoh docstring:

```
fungsi_docstring.py > ...
1     def sapa(nama):
2         "Contoh Cetak Keterangan"
3         print("Hai, "+ nama + ". Apa kabar?")
4         return nama
5         sapa("Novitasari")
7         print(sapa.__doc__)

OUTPUT         TERMINAL         DEBUG CONSOLE

PS C:\Users\ASUS\Desktop\testpython> & C:/Users/ASUS, rs/ASUS/Desktop/testpython/fungsi_docstring.py
Hai, Novitasari. Apa kabar?
Contoh Cetak Keterangan
PS C:\Users\ASUS\Desktop\testpython>
```

• Contoh program statis:

• Contoh program dinamis:

```
persegipanjang(panjang, lebar):
    def persegipanjang(panjang, lebar):
        lus =panjang * lebar
        print ("Luasnya:", luas)
        return luas
        print("Menghitung Luas Persegi Panjang")
        o = int(input("Mesukkan Panjang:"))
        b = int(input("Mesukkan Lebar:"))
        B persegipanjang(a,b)

OUTPUT TERMENAL DEBUG COMSOUR

PS C:\Users\ASUS\Desktop\testpython> B C:/Users/ASUS/AppDatars/ASUS/Desktop/testpython/persegi_panjang_dinamis.py
Menghitung Luas Persegi Panjang
Masukkan Panjang: B
Masukkan Lebar: 4
Luasnya: 32
PS C:\Users\ASUS\Desktop\testpython> ■
```

Modul 6

• Contoh program OOP Method:

Contoh program OOP dasar:

```
marvel1 = Marvel()
marvel2 = Marvel()
marvel2 = Marvel()
marvel3 = Marvel()
marvel4.name = "Iron Man"
marvel4.name = "Iron Man"
marvel2.health = "1000"

marvel2.health = "000"

marvel3.health = "000"

marvel3.health = "000"

marvel3.health = "000"

marvel4.name = "Captain America"
marvel3.health = "000"

print(marvel1.name)
```

• Contoh Program OOP Game

```
self.health = health
self.uttackPower = attackPower
self.armortumber = armortumber

def serang(self, lawan):
print(self.name + "menyarang " + lawan.name)
lo lawan.diserang(self, self.attackPower)

def diserang(self, lawan, attackPower lawan):
print(self.name + "diserang " + lawan.name)
print(self.name + "diserang " + lawan.name)
attack diterima = attackPower lawan

outror termina.

PS C:\Users\ASUS\Desktop\testpython> & C:/Users/ASUS/AppOwtm/Local/Prinz/ASUS/Desktop\testpython> py
Iron Man memoriang Thor
Thor diserang Iron Man
Serangan termina : 10
Darah Thor termina 85
PS C:\Users\ASUS\Desktop\testpython>
```

• Contoh program OOP Init:

```
class Nurvel:

| class Nurvel:
| def _init_(self, imputName, imputNoser, imput
```

• Contoh program OOP kelas instance:

```
class Parvel:
    class Parvel:
    class Parvel:
    class contains
    joulab = 0

    def _init_(self, imputheme; imputhemith, imputhomer, imputhemer):
        self.mem = imputhemer
        self.hemith = imputhemer
        self.hemith = imputhemer
        self.armor = imputheme
```

```
class Murwel;
class world)
jumlah = 0

injumlah = injumlah

self.hemlth = injumlah

s
```

Module 7

• Contoh program Tkinter menu

```
binder.peeuupy?_
import tkinter at tk

root = tk.Th()
root.geometry('400m200m500m200')

menubar = tk.Menu(menubar, tearoff=0)

todd castade digmakan untuk menumilkan sidmen.
menubar.add_castade(label="file", nemurfile)

add_command(label="file", nemurfile)

file.add_command(label="file")
file.add_command(label="file")
file.add_command(label="file")

file.add_command(label="file")

file.add_command(label="file")

add_separator digmakan untuk menumilkan peminah
file.add_separator()

file.add_command(label="file", command-root.quit)

edit.add_command(label="file", menumedit
edit.add_command(label="file", menumedit)
edit.add_command(label="file", menumedit)
edit.add_command(label="file", menumedit)
edit.add_command(label="file")
edit
```

```
file - tk.Nemu(semaker, tearuff-0)

sand_ration dignosian until semantilus same
semulor.add_carcode(label="file", semo-file)

file.add_command(label="New")

file.add_command(label="Sew")

file.add_command(label="Goos")

file.add_command(label="Goos")

file.add_command(label="Goos")

file.add_command(label="Goos")

file.add_command(label="Goos")

edit - tk.Nemu(semulor, tearoff-0)
semular.add_carcode(label="Goos")

edit.add_command(label="Goos")

edit.add_command(label="Goos")

edit.add_command(label="Goos")

edit.add_command(label="Goos")

edit.add_command(label="Foot")

edit.add_command(label="Foot")

root.canfig(semumenmaker)

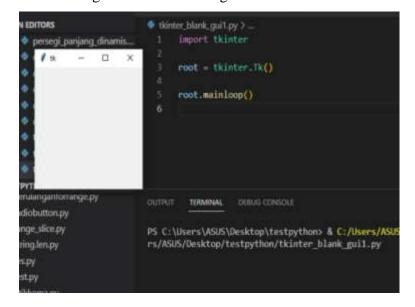
root.sanfig(semumenmaker)

root.sanfig(semumenmaker)
```

• Contoh Program Tkinter Aritmatika

```
thirties_aritmatika.py >
                 bilangar2 - tk.StringVir()
                   inputBilangaml - tk.intry(root, testvariable-bilangaml)
                  imputBilangan1.grid(row-0, column=1)
                  inputBilangam2 = (k.Entry(root, textvariable-bilangam2)
                 inputBilangan2.grid(row-1, column-1)
                 labelHasil.grid(row-2, column-1)
                 # functions partial actsk membeat fings) hars atms veril bars designs
pertambahan = purtial(pertambahan, labelHasil, bilangani, bilangani)
                 percentance - participercentance, internal, bilanguar, 
                 tnmbnlTambah.grid(row-2, column-0, sticky="NE", padx=(10,20), pody=(5,0))
tombolTambah.config(bg="8000", fg="8000",
                   root.mainloop()
    tkinter_aritmatika.py >
         bilangan2 - tk.StringVar()
                            inputBilangan1 - tk.Entry(root, textvariable-bilangan1)
                             inputBilangant.grid(row-0, column=1)
                             inputBilang / Anteretika
                             inputbilang
                                                                              Meculitan Blangan 1 III
                                                                                 Manukkan Bilangan 2 3
                             labelHasil
                             labelHasil.
     OUTPUT TERMINAL
   PS C:\Users\ASUS\Desktop/testpython/tkinter_aritmatika.py
                                                                                                                                                                                                                                                                 al/Program
```

• Contoh Program Tkinter blank gui1:



Modul 8

Contoh Program Radiobutton

```
b indotation.py >__
input tkinter as tk
from functools import partial

def functionstillabethasil, rb):
    ambil = rb.get()
    hasil = abil
    labelhasil.config(text-hasil)
    rout.stile("made Sutton")
    rout.option.add("functon")
    rout.option.add("functon", ('Verdama', 10, 'nurual'))
    rout.option.add("functon", ('Verdama', 10, 'nurual'))
    rout.option.add("functon", ('Verdama', 10, 'nurual'))
    labelPilihJurusan.grid(routon, text-"Pilih Jurusan")
    labelPilihJurusan.grid(routon, text-"pilih Jurusan")
    labelPilihJurusan.grid(routon, columnon, sticky="", padex(5,0), pady=(5,5))

revalue = tk.intVur()
    variable show terid value (nilat) berdanarkan penilihan tental
    value, senderihan milat he variabel
    rosi = tk.madiabutton(rout, text-"sistem informatiks", variable-revalue, value=1)
    rosi.grid(routon, columnon, sticky="")
    rosi.grid(routon, columnon, sticky=""")
    rosi.grid(routon, columnon, columnon, columnon
```

```
prot.option_add("tabel.font", ("Verdama", 10, "bold"))

indelPillhOurusan = tk.inbel(root, text="fillh Surusan")
    LabelPillhOurusan.grid(root0, column0, sticky="g", podx=(5,0), pady=(5,5))

rbValor = tk.intVar()
    veriable when terist value (ellat) heroteachem pomilibes tostol
    t mine, nember(ken mildt be veriable)
    rbSi = tk.Madiobottom(root, text="fished informatic, variable=rbValue, value=1)
    rbSi = tk.Madiobottom(root, text="fished informatic,", variable=rbValue, value=2)
    rbSi = tk.Madiobottom(root, text="fished informatic,", variable=rbValue, value=2)
    rbSi = tk.Madiobottom(root, text="fished informatic,", variable=rbValue, value=2)
    rbSi = tk.Madiobottom(root, text="fished informatic,", variable=rbValue, value=3)
    rbSA = tk.Madiobottom(root, text="fished informatic,", variable=rbValue, value=3
```

• Contoh program Combo Box

```
combo.bcxpy>=
    rout = th.Th()
    rout.title('Combodow')
    rout.geometry('Dobalow-Sometom')

f    twit year digmonium untuk seems vidget
    rout.option.add('Yout', ('Verduna', 10, 'baid'))
    labelPilibOperatur = tk.inbal(coot, text="Pilib Operator")
    labelPilibOperatur.grid(rout), columno, sticky="w", pubs=(5,0), pudy=(5,5))

roum.CDDox = tk.StringVar()
    comboPilibOperatur.grid(rout, values=[**, ***, ***, */"], textvariable=namaCbBox comboPilibOperatur.grid(rout, sulumno, pada=(3,0), pudy=(0,5))

**Title second(like value perture Combodow yith Linkal Tolthon(s)
    comboPilibOperatur.current(0)

**LabelHasil = tk.inbel(rout)
    labelHasil = tk.inbel(rout)
    tumpil = partial(fungsitampil, labelHasil, namaCbBox)
    tombolTampil = tk.Button(rout, text="Tampil", command=tampil)
    tombolTampil.grid(rout), columno, sticky="M", pudx=(5,0))
    tombolTampil.configure(bg="MXMM", fg="#fff")

**rout.mainloop()
```

