

**ALGORITMA DAN PEMOGRAMAN
TOPIK LANJUT (PROGRAM GUI)**



**DISUSUN OLEH :
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L200190207**

**INFORMATIKA
FAKULTAS KOMUNIKASI DAN INFORMATIKA
UNIVERSITAS MUHAMMADIYAH SURAKARTA
2019**

KEGITAN 1

```
Kegiatan 1.py - C:\Users\acer\Downloads\Kegiatan 1.py (3.7.0)
File Edit Format Run Options Window Help

###
from tkinter import Tk, Label, Button

my_app = Tk(className="Kegiatan 1")
my_app.geometry("300x250")

L = Label(my_app, text = "Data diri", font=("Arial", 25))
L.grid(row=0, column=0)

L1 = Label(my_app, text = "Nama")
L1.grid(row=1, column=0, sticky="w")
L6 = Label(my_app, text = "Clara Sekar")
L6.grid(row=1, column=1, sticky="w")

L2 = Label(my_app, text = "NIM")
L2.grid(row=2, column=0, sticky="w")
L7 = Label(my_app, text = "L200190207")
L7.grid(row=2, column=1, sticky="w")

L3 = Label(my_app, text = "Buku Favorit")
L3.grid(row=3, column=0, sticky="w")
L8 = Label(my_app, text = "shaidan")
L8.grid(row=3, column=1, sticky="w")

L4 = Label(my_app, text = "Idola di kalangan sahabat")
L4.grid(row=4, column=0, sticky="w")
L9 = Label(my_app, text = "my self")
L9.grid(row=4, column=1, sticky="w")

L5 = Label(my_app, text = "Motto")
L5.grid(row=5, column=0, sticky="w")
L10 = Label(my_app, text = "be good")
L10.grid(row=5, column=1, sticky="w")

def tutup():
    my_app.destroy()

B = Button(my_app, text = "tutup", command = tutup)
B.grid(row=6, column=1, sticky="w")

my_app.mainloop()

Ln: 6 Col: 0
```

Type here to search

```
Kegiatan 1.py - C:\Users\acer\Downloads\Kegiatan 1.py (3.7.0)
File Edit Format Run Options Window Help

###
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L9.grid(row=4, column=1, sticky="w")

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L10.grid(row=5, column=1, sticky="w")

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B = Button(my_app, text = "tutup", command = tutup)
B.grid(row=6, column=1, sticky="w")

my_app.mainloop()

Ln: 17 Col: 0
```

kegiatan 1

Data diri

Nama	Clara Sekar
NIM	L200190207
Buku Favorit	shaidan
Idola di kalangan sahabat	my self
Motto	be good
tutup	

27 2018, 04:06:47) [MSC v.1914 32 bit (Intel)] for more information.

Restart: C:\Users\acer\Downloads\Kegiatan 1.py

Ln: 6 Col: 0

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KEGIATAN 2

```
Kegiatan 2.py - C:\Users\acer\Downloads\Kegiatan 2.py (3.7.0)
File Edit Format Run Options Window Help
from tkinter import *
from tkinter import messagebox

app = Tk()
app.title('Kalkulator')

L0 = Label(app, text="Angka 1")
L0.grid(row=0, column=0, sticky="W")

angka1 = IntVar()
E0 = Entry(app, textvariable=angka1)
E0.grid(row=0, column=1, columnspan=3)

L1 = Label(app, text="Angka 2")
L1.grid(row=1, column=0, sticky="W")

angka2 = IntVar()
E1 = Entry(app, textvariable=angka2)
E1.grid(row=1, column=1, columnspan=3)

HL = Label(app, text="Hasil")
HL.grid(row=3, column=0, sticky="W")

HA = Label(app)
HA.grid(row=3, column=2, sticky="W")

def press(param):
    angka = 0
    if param == 1:
        angka = angka1.get() + angka2.get()
    elif param == 2:
        angka = angka1.get() - angka2.get()
    elif param == 3:
        angka = angka1.get() * angka2.get()
    else:
        angka = angka1.get() / angka2.get()
    HA.config(text=angka)

B1 = Button(app, text="+", width=8, command= lambda : press(1))
B1.grid(row=2, column=0)

B2 = Button(app, text="-", width=8, command= lambda : press(2))
B2.grid(row=2, column=1)

B3 = Button(app, text="x", width=8, command= lambda : press(3))
B3.grid(row=2, column=2)

B4 = Button(app, text="/", width=8, command= lambda : press(4))
B4.grid(row=2, column=3)

app.mainloop()
```

Ln 1 Col 17
0:14
15/12/2019

```
Kegiatan 2.py - C:\Users\acer\Downloads\Kegiatan 2.py (3.7.0)
File Edit Format Run Options Window Help
L0 = Label(app, text="Angka 1")
L0.grid(row=0, column=0, sticky="W")

angka1 = IntVar()
E0 = Entry(app, textvariable=angka1)
E0.grid(row=0, column=1, columnspan=3)

L1 = Label(app, text="Angka 2")
L1.grid(row=1, column=0, sticky="W")

angka2 = IntVar()
E1 = Entry(app, textvariable=angka2)
E1.grid(row=1, column=1, columnspan=3)

HL = Label(app, text="Hasil")
HL.grid(row=3, column=0, sticky="W")

HA = Label(app)
HA.grid(row=3, column=2, sticky="W")

def press(param):
    angka = 0
    if param == 1:
        angka = angka1.get() + angka2.get()
    elif param == 2:
        angka = angka1.get() - angka2.get()
    elif param == 3:
        angka = angka1.get() * angka2.get()
    else:
        angka = angka1.get() / angka2.get()
    HA.config(text=angka)

B1 = Button(app, text="+", width=8, command= lambda : press(1))
B1.grid(row=2, column=0)

B2 = Button(app, text="-", width=8, command= lambda : press(2))
B2.grid(row=2, column=1)

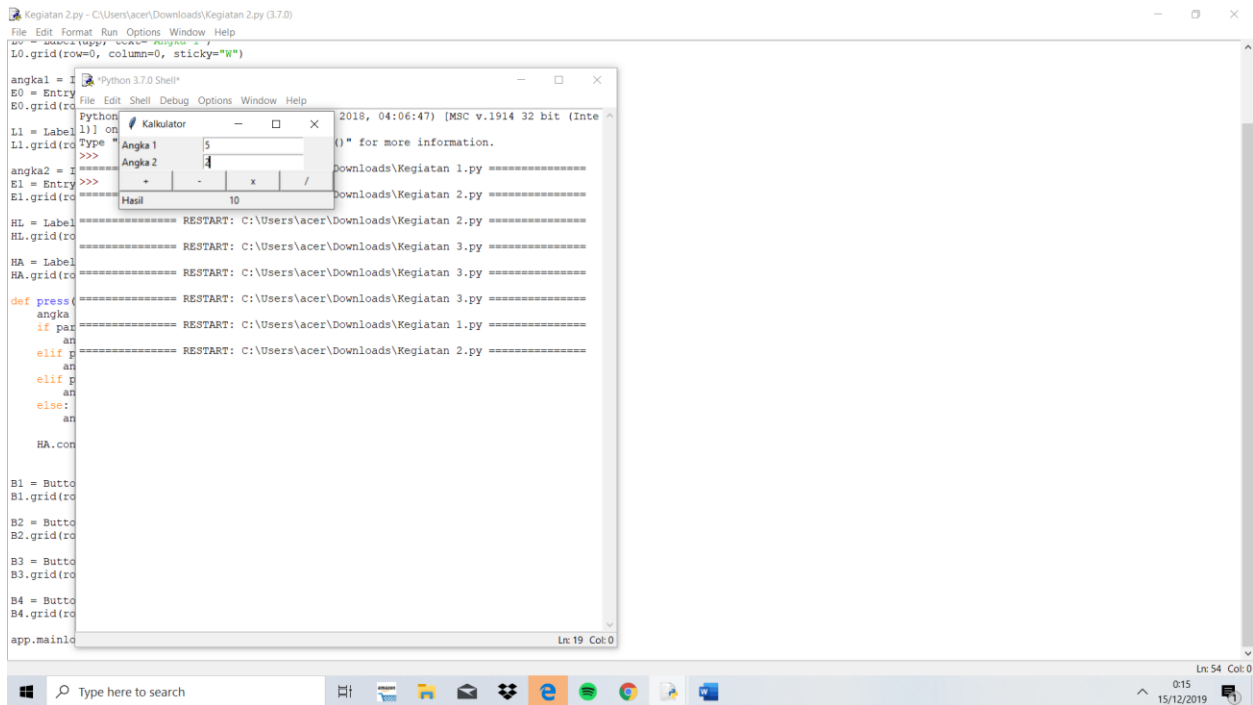
B3 = Button(app, text="x", width=8, command= lambda : press(3))
B3.grid(row=2, column=2)

B4 = Button(app, text="/", width=8, command= lambda : press(4))
B4.grid(row=2, column=3)

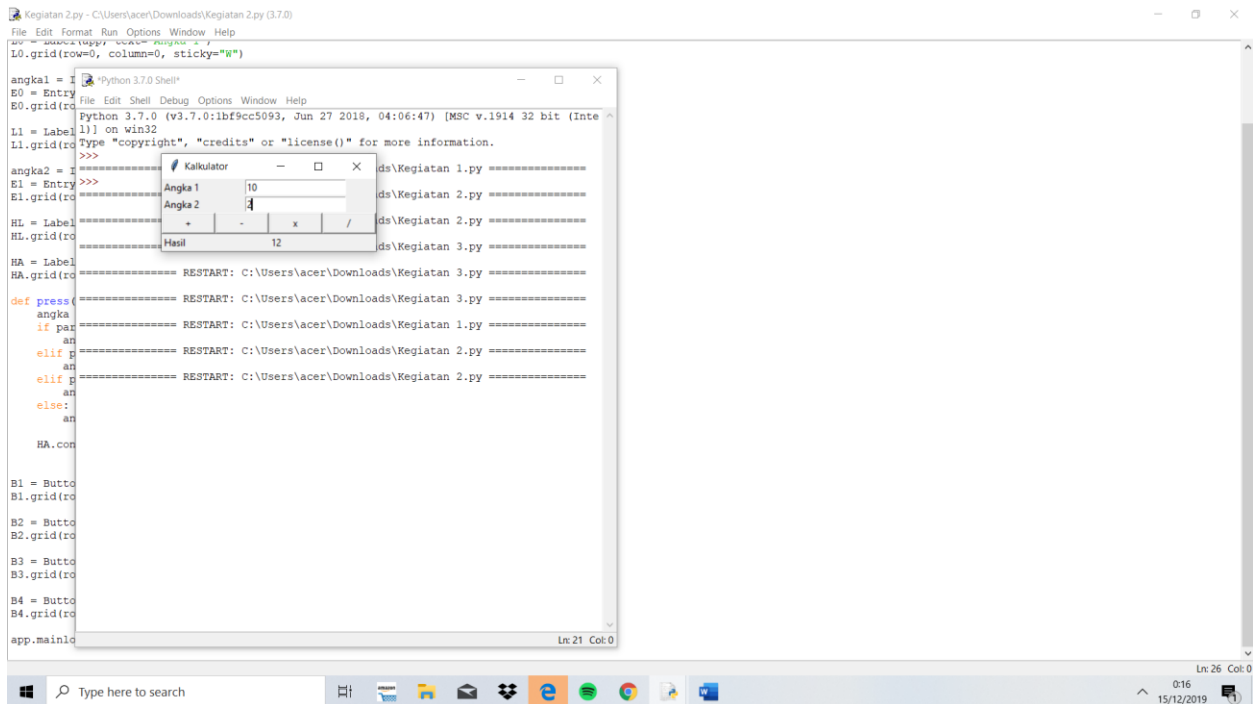
app.mainloop()
```

Ln 54 Col 0
0:14
15/12/2019

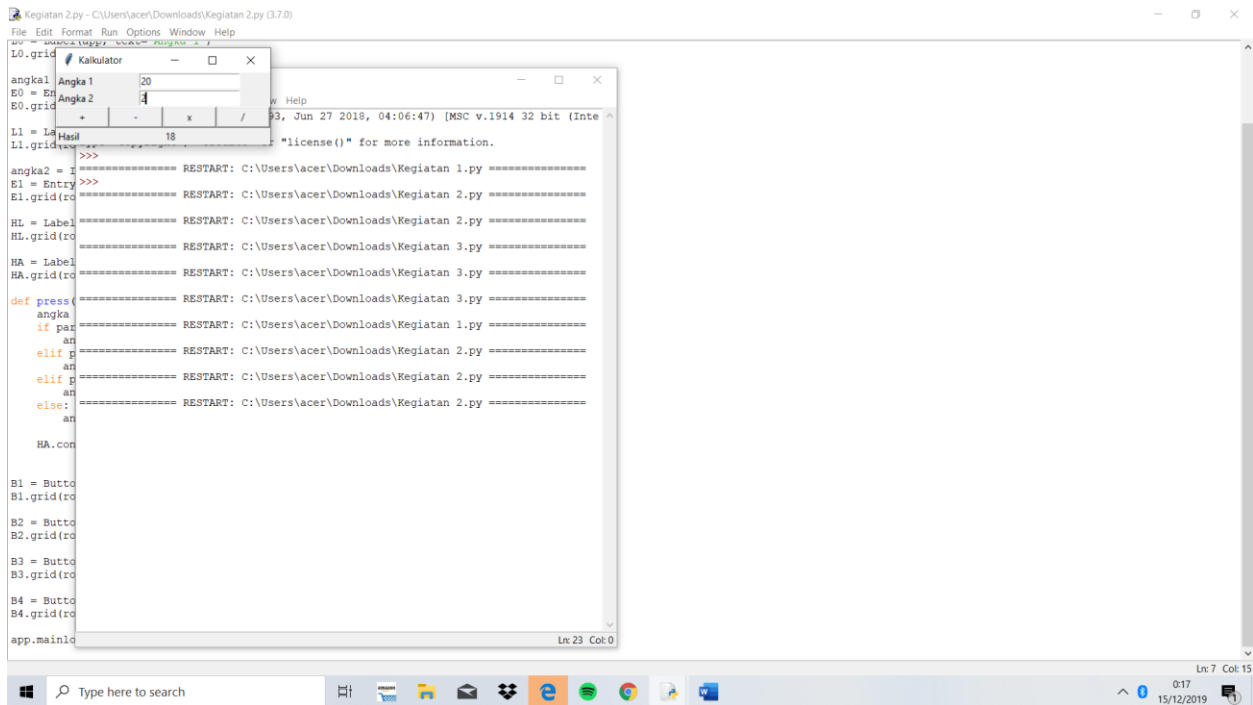
Contoh perkalian



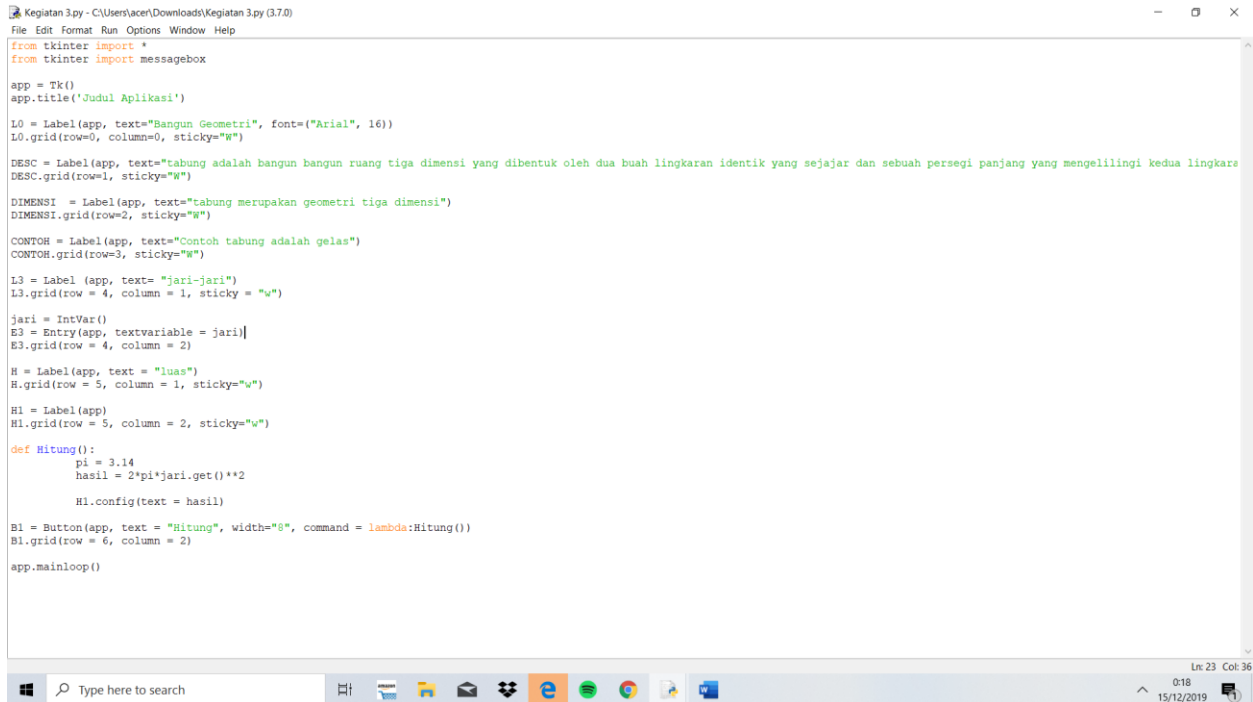
Contoh penjumlahan



Contoh pengurangan



KEGIATAN 3



Contoh dengan jari-jari 10

