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NIM : L200190241

Kelas : F

Modul : 10

Kegiatan 1

Program

```
Data Diri.py - E:\Tugas\Algoritma Praktikum\Data Diri.py (2.7.16)
File Edit Format Run Options Window Help

from Tkinter import *
datadiri = Tk()
datadiri.title("Data Diri")

L1 = Label(datadiri, text="Data Diri", font=('Times New Roman', 24))
L1.grid(row=0, column=0, sticky="W")
L2 = Label(datadiri, text="Nama", font=('Times New Roman', 14))
L2.grid(row=1, column=0, sticky="W")
E2 = Label(datadiri, text="Romi Ramadhan", font=('Times New Roman', 14))
E2.grid(row=1, column=1, sticky="W")
L3 = Label(datadiri, text="NIM", font=('Times New Roman', 14))
L3.grid(row=2, column=0, sticky="W")
E3 = Label(datadiri, text="L200190241", font=('Times New Roman', 14))
E3.grid(row=2, column=1, sticky="W")
L4 = Label(datadiri, text="Buku Favorit", font=('Times New Roman', 14))
L4.grid(row=3, column=0, sticky="W")
E4 = Label(datadiri, text="The Last Wish", font=('Times New Roman', 14))
E4.grid(row=3, column=1, sticky="W")
L5 = Label(datadiri, text="Idola di kalangan sahabat", font=('Times New Roman', 14))
L5.grid(row=4, column=0, sticky="W")
E5 = Label(datadiri, text="Umar bin Khattab", font=('Times New Roman', 14))
E5.grid(row=4, column=1, sticky="W")
L6 = Label(datadiri, text="Motto", font=('Times New Roman', 14))
L6.grid(row=5, column=0, sticky="W")
E6 = Label(datadiri, text="Hidup seperti Larry", font=('Times New Roman', 14))
E6.grid(row=5, column=1, sticky="W")

def close():
    datadiri.quit()

B1 = Button(datadiri, text="Tutup", command=close)
B1.grid(row=7, column=0, sticky="W")

datadiri.mainloop()

Ln: 25 Col: 77
```

Hasil

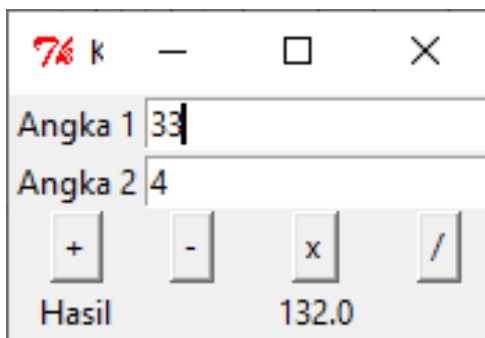


Kegiatan 2

Program

```
*kalk.py - E:\Tugas\Algoritma Praktikum\kalk.py (2.7.16)
File Edit Format Run Options Window Help
from Tkinter import *
kalkulator = Tk()
kalkulator.title("Kalkulator")
L1 = Label(kalkulator, text="Angka 1")
L1.grid(row=0, column=0)
angka1 = StringVar()
E1 = Entry(kalkulator, textvariable=angka1)
E1.grid(row=0, column=1, columnspan=3)
L2 = Label(kalkulator, text="Angka 2")
L2.grid(row=1, column=0)
angka2 = StringVar()
E2 = Entry(kalkulator, textvariable=angka2)
E2.grid(row=1, column=1, columnspan=3)
def tambah():
    a = float(angka1.get())
    b = float(angka2.get())
    hasil = a+b
    L.config(text=hasil)
def kurang():
    a = float(angka1.get())
    b = float(angka2.get())
    hasil = a-b
    L.config(text=hasil)
def kali():
    a = float(angka1.get())
    b = float(angka2.get())
    hasil = a*b
    L.config(text=hasil)
def bagi():
    a = float(angka1.get())
    b = float(angka2.get())
    hasil = a/b
    L.config(text=hasil)
B1 = Button(kalkulator, text="+", command=tambah)
B1.grid(row=2, column=0)
B2 = Button(kalkulator, text="-", command=kurang)
B2.grid(row=2, column=1)
B3 = Button(kalkulator, text="x", command=kali)
B3.grid(row=2, column=2)
B4 = Button(kalkulator, text="/", command=bagi)
B4.grid(row=2, column=3)
L = Label(kalkulator, text="Hasil")
L.grid(row=2, column=4)
```

Hasil



Kegiatan 3

Program

```
Geometri.py - E:\Tugas\Algoritma Praktek\Geometri.py (2.7.16)
File Edit Format Run Options Window Help

from Tkinter import *
luassegitiga = Tk()
luassegitiga.title("Luas Segitiga")

L1 = Label(luassegitiga, text="Bangun Geometri", font=("Times New Roman", 24))
L1.grid(row=0, column=0, columnspan=2)

L2 = Label(luassegitiga, text="Nama")
L2.grid(row=1, column=0, sticky="W")
x1 = Label(luassegitiga, text="Segitiga")
x1.grid(row=1, column=1, sticky="W")

L3 = Label(luassegitiga, text="Dimensi")
L3.grid(row=2, column=0, sticky="W")
x2 = Label(luassegitiga, text="2 Dimensi")
x2.grid(row=2, column=1, sticky="W")

L4 = Label(luassegitiga, text="Contoh benda")
L4.grid(row=3, column=0, sticky="W")
x3 = Label(luassegitiga, text="Layar perahu")
x3.grid(row=3, column=1, sticky="W")

L5 = Label(luassegitiga, text="Titik sudut")
L5.grid(row=4, column=0, sticky="W")
x4 = Label(luassegitiga, text="3")
x4.grid(row=4, column=1, sticky="W")

L6 = Label(luassegitiga, text="Alas :")
L6.grid(row=5, column=0, sticky="W")
alas = StringVar()
E1 = Entry(luassegitiga, textvariable=alas)
E1.grid(row=5, column=1, columnspan=3)

L7 = Label(luassegitiga, text="Tinggi :")
L7.grid(row=6, column=0, sticky="W")
tinggi = StringVar()
E2 = Entry(luassegitiga, textvariable=tinggi)
E2.grid(row=6, column=1, columnspan=3)

def hitungluas():
    a = float(alas.get())
    b = float(tinggi.get())
    luas = 0.5 * a * b

hitungluas()

Ln: 25 Col: 32
```

Hasil

Luas Segitiga

Bangun Geometri

Nama

Segitiga

Dimensi

2 Dimensi

Contoh benda

Layar perahu

Titik sudut

3

Alas :

6

Tinggi :

12

Hitung Luas

Luas = 36.0