LAPORAN

PRAKTIK PEMROGRAMAN BERBASIS DESKTOP

"Kontrol Dasar Pada TKinter"





Oleh:

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A. Tujuan

- 1. Mahasiswa engetahui opsi dan method kontrol dasar pada library tkinter
- 2. Mahasiswa mampu mempraktekkan dan menggunakan opsi dan method control dasar pada library tkinter

B. Dasar Teori

Tkinter merupakan pustaka grafis yang dapat memberikan kemudahan dalam pembuatan program berbasis grafis. Setiap GUI Toolkit menyediakan widget, yaitu objek user interface seperti button, scrollbar, listbox, checkbutton, radiobutton, label text dan lain sebagainya. Widget mengkapsulasi detil implementasi dan untuk setiap widget telah di definisikan perilaku defaultya sehingga mempermudah pemrograman GUI.

1. Button

Tombol sederhana, digunakan untuk mengeksekusi suatu perintah atau operasi lainnya

2. Checkbutton

Mempresentasikan sebuah variable yang dapat di pilih lebih dari dua nilai

3. Entry

Field untuk memasukan teks

4. Listbox

Menampilkan sebuah daftar pilihan, listbox dapat dikonfigurasi untuk mendapatkan radiobutton atau checklist

5. Radiobutton

Mempresentasikan suatu nilai dari variabel yang dapat memiliki satu atau banyak nilai, klik tombol tersebut artinya mengumpulkan nilai untuk variabel dan menghapus semua radiobutton mengelompokan dengan variabel yang sama.

C. Alat dan Bahan

- 1. Visual Studio Code
- 2. Komputer/Laptop
- 3. Python

D. Langkah Kerja

- 1. Mempraktikkan materi dari dosen
- 2. Memahami materi dari dosen
- 3. Melakukan tugas yang diperintahkan dosen

E. Hasil

Code:

1. Button

```
import tkinter
from tkinter import *
class LoginFrame(tkinter.Frame):
    def __init__(self, master=None):
        tkinter.Frame.__init__(self, master)
        self.grid()
        self.utama()
        self.grid_rowconfigure(1, weight=1)
        self.grid_columnconfigure(1, weight=1)
    def utama(self) :
        self['background'] = "#ccf2f4"
        self.Nama = tkinter.Label(self, text="Username
        self.Nama['fg'] = '#0a043c'
        self.Nama['bg'] = '#ccf2f4'
        self.Nama['font'] = 'Helvetica 12 bold'
        self.Nama.grid(row=0, column=0, sticky=W)
        self.nama = Entry(self)
        self.nama['bg'] = '#a4ebf3'
        self.nama['bd'] = '2px'
        self.nama['cursor'] = 'spider'
        self.nama['selectbackground'] = '#e40017'
        self.nama['selectforeground'] = '#ff75a0'
        self.nama['selectborderwidth'] = '2px'
        self.nama['fg'] = '#0a043c'
```

```
self.nama['font'] = 'Helvetica'
self.nama['width'] = '30'
self.nama['textvariable'] = 'idNama'
self.nama.grid(row=0, column=1, sticky=W)
self.Password = tkinter.Label(self, text="Password
                                                                 :")
self.Password['fg'] = '#0a043c'
self.Password['bg'] = '#ccf2f4'
self.Password['font'] = 'Helvetica 12 bold'
self.Password.grid(row=1, column=0, sticky=W)
self.password = Entry(self)
self.password['bg'] = '#a4ebf3'
self.password['bd'] = '2px'
self.password['cursor'] = 'heart'
self.password['fg'] = '#0a043c'
self.password['font'] = 'Helvetica'
self.password['show'] = '*'
self.password['width'] = '30'
self.password['textvariable'] = 'idPass'
self.password.grid(row=1, column=1, sticky=W)
```

```
self.namaSelect = Button(self,
    command=lambda:self.nama.select_range(1, END)
self.namaSelect['activebackground'] = '#d3e0ea'
self.namaSelect['activeforeground'] = '#ef4f4f'
self.namaSelect['bd'] = '3px'
self.namaSelect['bg'] = '#16c79a'
self.namaSelect['fg'] = '#91091e'
self.namaSelect['font'] = 'Helvetica'
self.namaSelect['text'] = 'Select'
self.namaSelect['height'] = '2'
self.namaSelect['justify'] = 'left'
self.namaSelect['relief'] = 'raised'
self.namaSelect['underline'] = '0'
self.namaSelect['width'] = '43'
self.namaSelect.grid(row=2, column=0, columnspan=2, sticky=W)
self.foto = Button(self)
self.photo = PhotoImage(file = "logo.png")
self.photoimage = self.photo.subsample(20, 20)
self.foto['image'] = self.photoimage
self.foto.grid(row=3, column=0)
```

```
self.namaClick = Button(self, command=lambda:self.nama.select_clear())
      self.namaClick['text'] = 'Clear Text Now'
      self.namaClick['bg'] = '#16c79a'
      self.namaClick['bd'] = 3
      self.namaClick['fg'] = '#91091e'
      self.namaClick['font'] = 'Helvetica'
      self.namaClick['justify'] = 'left'
      self.namaClick['width'] = 10
      self.namaClick['height'] = 2
      self.namaClick['padx'] = 10
      self.namaClick['pady'] = 10
      self.namaClick['state'] = 'disable'
      self.namaClick['relief'] = 'raised'
      self.namaClick['underline'] = 0
      self.namaClick['activebackground'] = '#d3e0ea'
      self.namaClick['activeforeground'] = '#ef4f4f'
      self.namaClick['wraplength'] = 100
      self.namaClick.grid(row=4, column=0)
def main():
    app = LoginFrame()
    app.master.title("Login Frame")
     app.master.grid_rowconfigure(0, weight=1)
     app.master['background'] = "#ccf2f4"
    app.master.grid_columnconfigure(0, weight=1)
    app.mainloop()
if __name__ == "__main__":
    main()
```

2. Checkbutton

```
import tkinter
from tkinter import *
username = 'admin'
password = 'admin'
class LoginFrame(tkinter.Frame):
    def __init__(self, master=None):
        tkinter.Frame.__init__(self, master)
        self.grid()
        self.utama()
        self.grid_rowconfigure(1, weight=1)
        self.grid_columnconfigure(1, weight=1)
    def utama(self) :
        self['background'] = "#ccf2f4"
        self.cek = StringVar()
        self.show = Checkbutton(self,
                activebackground='#91091e',
                activeforeground='#94ebcd'
        self.show['bg'] = '#ccf2f4'
        self.show['bd'] = '10'
        self.show['cursor'] = 'heart'
        self.show['font'] = 'Helvetica 12 bold'
        self.show['fg'] = '#0a043c'
```

```
self.show['height'] = '1'
self.show['justify'] = 'left'
self.show['offvalue']="Off"
self.show['onvalue']="On"
self.show['padx'] = '20'
self.show['pady'] = '20'
self.show['relief'] = 'sunken'
self.show['selectcolor'] = 'blue'
self.show['underline'] = '0'
self.show['variable'] = self.cek
self.show['width'] = '10'
self.show['wraplength'] = 100
self.show['text'] = 'Tampilkan Password'
self.show.grid(row=0, column=0, sticky=W)
def text():
    self.text = Label(self)
    self.text['text']=self.cek.get()
    self.text.grid(row=0, column=1)
self.show['command'] = text
self.gambar = Checkbutton(self)
self.photos = PhotoImage(file = "logo.png")
```

```
self.photoimages = self.photos.subsample(20, 20)
self.gambar['image'] = self.photoimages
self.gambar['state'] = 'disable'
self.gambar.grid(row=1, column=0, sticky=W)
self.gambarbt = Checkbutton(self)
self.gambarbt['bitmap'] = 'error'
self.gambarbt['state'] = 'disable'
self.gambarbt.grid(row=2, column=0, sticky=W)
self.gambardf = Checkbutton(self)
self.gambardf['state'] = 'disable'
self.gambardf['text'] = 'disable'
self.gambardf['disabledforeground'] = 'red'
self.gambardf.grid(row=3, column=0, sticky=W)
self.namaSelect = Button(self, command=self.show.select)
self.namaSelect['text'] = 'Select'
self.namaSelect.grid(row=0, column=2, sticky=W)
self.namaSelect = Button(self, command=self.show.deselect)
self.namaSelect['text'] = 'Deselect'
self.namaSelect.grid(row=1, column=2, sticky=W)
self.namaSelect = Button(self, command=self.show.flash)
self.namaSelect['text'] = 'Flash'
self.namaSelect.grid(row=2, column=2, sticky=W)
self.namaSelect = Button(self, command=self.show.invoke)
self.namaSelect['text'] = 'Invoke'
self.namaSelect.grid(row=3, column=2, sticky=W)
self.namaSelect = Button(self, command=self.show.toggle)
self.namaSelect['text'] = 'Toogle'
self.namaSelect.grid(row=4, column=2, sticky=W)
```

```
def main():
    # membuat kelas demo frame
        app = LoginFrame()
        app.master.title("Login Frame")
        app.master.grid_rowconfigure(0, weight=1)
        app.master['background'] = "#ccf2f4"
        app.master.grid_columnconfigure(0, weight=1)
        app.mainloop()
# memanggil fungsi
if __name__ == "__main__":
        main()
```

3. Entry

```
import tkinter
from tkinter import *
username = 'admin'
password = 'admin'
class LoginFrame(tkinter.Frame):
   def __init__(self, master=None):
       tkinter.Frame.__init__(self, master)
        self.grid()
        self.utama()
        self.grid_rowconfigure(1, weight=1)
        self.grid_columnconfigure(1, weight=1)
   def utama(self) :
        self['background'] = "#ccf2f4"
        self.Nama = tkinter.Label(self, text="Username
                                                                 :")
        self.Nama['bg'] = '#ccf2f4'
       self.Nama['fg'] = '#0a043c
        self.Nama['font'] = 'Helvetica 12 bold'
        self.Nama.grid(row=0, column=0, sticky=W)
        self.nama = Entry(self)
        self.xScroll = tkinter.Scrollbar(self, orient=HORIZONTAL)
        self.xScroll.grid(row=1, column=1, sticky=EW)
        self.nama['bg'] = '#a4ebf3'
        self.nama['bd'] = '2px'
        self.nama['cursor'] = 'spider'
        self.nama['fg'] = '#0a043c'
        self.nama['font'] = 'Helvetica'
        self.nama['justify'] = 'left'
        self.nama['relief'] = 'ridge'
        self.nama['selectbackground'] = '#e40017'
        self.nama['selectforeground'] = '#ff75a0'
        self.nama['selectborderwidth'] = '2px'
        self.nama['show'] = ''
        self.nama['textvariable'] = 'idNama'
        self.nama['width'] = '30'
        self.nama['xscrollcommand'] = self.xScroll.set
        self.nama.grid(row=0, column=1, sticky=NSEW)
        self.xScroll['command'] = self.nama.xview
```

```
:")
self.Password = tkinter.Label(self, text="Password
self.Password['fg'] = '#0a043c'
self.Password['bg'] = '#ccf2f4'
self.Password['font'] = 'Helvetica 12 bold'
self.Password.grid(row=2, column=0, sticky=W)
self.password = Entry(self)
self.password['bg'] = '#a4ebf3'
self.password['bd'] = '2px'
self.password['cursor'] = 'heart'
self.password['fg'] = '#0a043c'
self.password['font'] = 'Helvetica'
self.password['show'] = '*'
self.password['width'] = '30'
self.password['textvariable'] = 'idPass'
self.password.grid(row=2, column=1, sticky=W)
self.namaSelect = Button(self,
   command=lambda:self.nama.select_range(1, END)
self.namaSelect['text'] = 'Select'
self.namaSelect['bg'] = '#16c79a'
self.namaSelect['bd'] = '3px'
self.namaSelect['fg'] = '#91091e'
self.namaSelect['font'] = 'Helvetica'
self.namaSelect['justify'] = 'left'
self.namaSelect['width'] = '43'
self.namaSelect['height'] = '2'
self.namaSelect['relief'] = 'raised'
self.namaSelect['activebackground'] = '#d3e0ea'
self.namaSelect['highlightcolor'] = '#e40017'
self.namaSelect['activeforeground'] = '#ef4f4f'
self.namaSelect.grid(row=3, column=0, columnspan=2)
```

```
self.namaClick = Button(self, command=lambda:self.nama.select_clear())
self.namaClick['text'] = 'Clear'
self.namaClick['bg'] = '#16c79a'
self.namaClick['bd'] = '3px'
self.namaClick['fg'] = '#91091e'
self.namaClick['font'] = 'Helvetica'
self.namaClick['justify'] = 'right'
self.namaClick['width'] = '43'
self.namaClick['relief'] = 'raised'
self.namaClick['activebackground'] = '#d3e0ea'
self.namaClick['activeforeground'] = '#ef4f4f'
self.namaClick.grid(row=4, column=0, columnspan=2)
self.namaClick = Button(self, command=lambda:self.nama.select_adjust(5))
self.namaClick['text'] = 'adjust'
self.namaClick['bg'] = '#16c79a'
self.namaClick['bd'] = '3px'
self.namaClick['fg'] = '#91091e'
self.namaClick['font'] = 'Helvetica'
self.namaClick['justify'] = 'right'
self.namaClick['width'] = '43'
self.namaClick['relief'] = 'raised'
self.namaClick['activebackground'] = '#d3e0ea'
self.namaClick['activeforeground'] = '#ef4f4f'
self.namaClick.grid(row=5, column=0, columnspan=2)
```

```
self.namaClick = Button(self, command=lambda:self.nama.select_from(3))
        self.namaClick['text'] = 'from'
        self.namaClick['bg'] = '#16c79a'
       self.namaClick['bd'] = '3px'
       self.namaClick['fg'] = '#91091e'
       self.namaClick['font'] = 'Helvetica'
       self.namaClick['justify'] = 'right'
       self.namaClick['width'] = '43'
        self.namaClick['relief'] = 'raised'
        self.namaClick['activebackground'] = '#d3e0ea'
        self.namaClick['activeforeground'] = '#ef4f4f'
        self.namaClick.grid(row=6, column=0, columnspan=2)
       self.namaClick = Button(self, command=lambda:self.nama.select_present)
       self.namaClick['text'] = 'present'
       self.namaClick['bg'] = '#16c79a'
       self.namaClick['bd'] = '3px'
        self.namaClick['fg'] = '#91091e'
       self.namaClick['font'] = 'Helvetica'
        self.namaClick['justify'] = 'right'
        self.namaClick['width'] = '43'
        self.namaClick['relief'] = 'raised'
        self.namaClick['activebackground'] = '#d3e0ea'
        self.namaClick['activeforeground'] = '#ef4f4f'
        self.namaClick.grid(row=7, column=0, columnspan=2)
def main():
   app = LoginFrame()
   app.master.title("Login Frame")
   app.master.grid_rowconfigure(0, weight=1)
   app.master['background'] = "#ccf2f4"
   app.master.grid_columnconfigure(0, weight=1)
   app.mainloop()
if __name__ == "__main__":
```

```
import tkinter
from tkinter import *
username = 'admin'
password = 'admin'
class LoginFrame(tkinter.Frame):
    def __init__(self, master=None):
        tkinter.Frame.__init__(self, master)
        self.grid()
        self.utama()
        self.grid_rowconfigure(1, weight=1)
        self.grid_columnconfigure(1, weight=1)
    def utama(self) :
        self['background'] = "#ccf2f4"
        self.xScroll = tkinter.Scrollbar(self, orient=HORIZONTAL)
        self.xScroll.grid(row=1, column=1, sticky=EW)
        self.yScroll = tkinter.Scrollbar(self, orient=VERTICAL)
        self.yScroll.grid(row=0, column=2, sticky=NS)
        self.Lulusan = tkinter.Label(self, text="Lulusan
                                                                              :")
        self.Lulusan['fg'] = '#0a043c'
        self.Lulusan['bg'] = '#ccf2f4'
        self.Lulusan['font'] = 'Helvetica 12 bold'
self.Lulusan.grid(row=0, column=0, sticky=W)
self.lulusan = Listbox(self)
        self.lulusan['bg'] = '#a4ebf3'
        self.lulusan['bd'] = '2px'
        self.lulusan['cursor'] = 'plus'
        self.lulusan['font'] = 'Helvetica'
        self.lulusan['fg'] = '#0a043c'
        self.lulusan['relief'] = 'sunken'
        self.lulusan['height'] = '2'
        self.lulusan['selectbackground'] = '#16c79a'
        self.lulusan['selectmode'] = 'single'
        self.lulusan['width'] = '7'
```

```
self.lulusan.insert(1, "Sekolah Dasar")
        self.lulusan.insert(2, "Sekolah Menengah Pertama")
self.lulusan.insert(3, "Sekolah Menengah Atas")
        self.lulusan.insert(4, "Diploma 3")
        self.lulusan.insert(5, "Strata 1")
        self.lulusan['justify'] = 'left'
        self.lulusan['xscrollcommand'] = self.xScroll.set
        self.lulusan['yscrollcommand'] = self.yScroll.set
        self.lulusan.grid(row=0, column=1, sticky=W)
        self.xScroll['command'] = self.lulusan.xview
        self.yScroll['command'] = self.lulusan.yview
        self.submit = Button(self)
        self.submit['text'] = 'Submit'
        self.submit['bg'] = '#16c79a'
        self.submit['bd'] = '3px'
        self.submit['fg'] = '#91091e'
        self.submit['font'] = 'Helvetica'
        self.submit['justify'] = 'right'
        self.submit['width'] = '20'
        self.submit['relief'] = 'raised'
        self.submit['activebackground'] = '#d3e0ea'
        self.submit['activeforeground'] = '#ef4f4f'
        self.submit.grid(row=2, column=0, columnspan=2)
def main():
    app = LoginFrame()
    app.master.title("Login Frame")
    app.master.grid_rowconfigure(0, weight=1)
    app.master['background'] = "#ccf2f4"
    app.master.grid_columnconfigure(0, weight=1)
    app.mainloop()
if __name__ == "__main__":
    main()
```

```
import tkinter
from tkinter import *
username = 'admin'
password = 'admin'
class LoginFrame(tkinter.Frame):
    def __init__(self, master=None):
        tkinter.Frame.__init__(self, master)
        self.grid()
        self.utama()
        self.grid_rowconfigure(1, weight=1)
        self.grid_columnconfigure(1, weight=1)
    def utama(self) :
        self['background'] = "#4a3933"
        self.JK = tkinter.Label(self, text="Jenis Kelamin :")
       self.JK['fg'] = '#faf3e0'
       self.JK['bg'] = '#4a3933'
       self.JK['font'] = 'Helvetica 12 bold'
        self.JK.grid(row=0, column=0, sticky=W)
        self.jkl = Radiobutton(self, command=self.JK.destroy)
       self.jkl['activebackground'] = '#f1d1d0'
       self.jkl['activeforeground'] = '#16c79a'
        self.jkl['anchor'] = E
        self.jkl['bg'] = '#4a3933'
        self.jkl['borderwidth'] = '10px'
        self.jkl['cursor'] = 'plus'
        self.jkl['font'] = 'Helvetica'
        self.jkl['fg'] = '#faf3e0
       self.jkl['height'] = '2'
        self.jkl['justify'] = 'left'
       self.jkl['padx'] = 56
       self.jkl['pady'] = 10
       self.jkl['relief'] = 'groove'
        self.jkl['text'] = 'Laki-Laki'
        self.jkl['textvariable'] = 'jkl'
        self.jkl['underline'] = '0'
        self.jkl['value'] = 'on'
        self.jkl['variable'] = 'Laki-laki'
        self.jkl['width'] = '4'
        self.jkl['wraplength'] = '50'
        self.jkl.grid(row=0, column=1,sticky=tkinter.W )
        self.jkw = Radiobutton(self)
        self.jkw['text'] = 'Wanita'
        self.jkw['fg'] = '#faf3e0'
        self.jkw['bg'] = '#4a3933'
        self.jkw['textvariable'] = 'jkw'
        self.jkw['variable'] = 'Wanita'
        self.jkw['font'] = 'Helvetica'
        self.jkw['wraplength'] = '50'
```

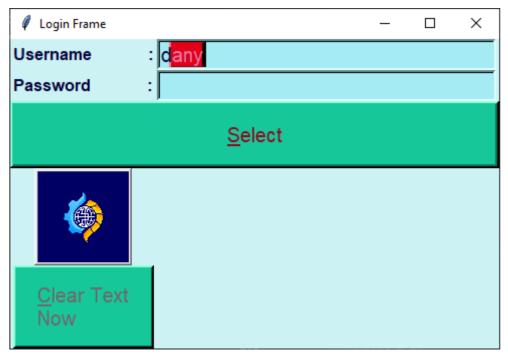
```
self.jkw['activebackground'] = '#f1d1d0'
self.jkw['activeforeground'] = '#16c79a'
self.jkw.grid(row=1, column=1,sticky=tkinter.W )
self.JK = tkinter.Label(self, text="Jenis Kelamin
                                                     :")
self.jkb = Radiobutton(self)
self.jkb['activebackground'] = '#f1d1d0'
self.jkb['activeforeground'] = '#16c79a'
self.jkb['anchor'] = E
self.jkb['bg'] = '#4a3933'
self.jkb['bitmap'] = 'error'
self.jkb['text'] = 'Laki-Laki'
self.jkb['fg'] = '#faf3e0'
self.jkb['textvariable'] = 'jkl'
self.jkb['variable'] = 'Laki-Laki'
self.jkb['font'] = 'Helvetica'
self.jkb.grid(row=3, column=1,sticky=tkinter.W )
self.photos = PhotoImage(file = "logo.png")
self.photoimages = self.photos.subsample(20, 20)
self.jki = Radiobutton(self)
self.jki['activebackground'] = '#f1d1d0'
self.jki['activeforeground'] = '#16c79a'
self.jki['anchor'] = E
self.jki['image'] = self.photoimages
self.jki['bg'] = '#4a3933'
self.jki['text'] = 'Laki-Laki'
self.jki['fg'] = '#faf3e0'
self.jki['textvariable'] = 'jkl'
self.jki['variable'] = 'Laki-Laki'
self.jki['font'] = 'Helvetica'
self.jki.grid(row=4, column=1,sticky=tkinter.W )
self.deselect = Button(self, command=self.jkl.deselect)
self.deselect['text'] = 'deselect'
self.deselect['bg'] = '#16c79a'
self.deselect['bd'] = '3px'
self.deselect['fg'] = '#91091e'
self.deselect['font'] = 'Helvetica'
```

```
self.deselect['justify'] = 'right'
self.deselect['width'] = '43'
self.deselect['relief'] = 'raised'
self.deselect['activebackground'] = '#d3e0ea'
self.deselect['activeforeground'] = '#ef4f4f'
self.deselect.grid(row=0, column=2)
self.flash = Button(self, command=self.jkl.flash)
self.flash['text'] = 'flash'
self.flash['bg'] = '#16c79a'
self.flash['bd'] = '3px'
self.flash['fg'] = '#91091e'
self.flash['font'] = 'Helvetica'
self.flash['justify'] = 'right'
self.flash['width'] = '43'
self.flash['relief'] = 'raised'
self.flash['activebackground'] = '#d3e0ea'
self.flash['activeforeground'] = '#ef4f4f'
self.flash.grid(row=1, column=2)
self.invoke = Button(self, command=self.jkl.invoke)
self.invoke['text'] = 'Invoke'
self.invoke['bg'] = '#16c79a'
self.invoke['bd'] = '3px'
self.invoke['fg'] = '#91091e'
self.invoke['font'] = 'Helvetica'
self.invoke['justify'] = 'right'
self.invoke['width'] = '43'
self.invoke['relief'] = 'raised'
```

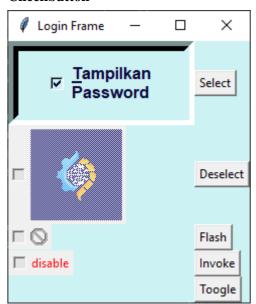
```
self.invoke['relief'] = 'raised'
        self.invoke['activebackground'] = '#d3e0ea'
        self.invoke['activeforeground'] = '#ef4f4f'
        self.invoke.grid(row=2, column=2)
        self.select = Button(self, command=self.jkl.select)
        self.select['text'] = 'Select'
        self.select['bg'] = '#16c79a'
        self.select['bd'] = '3px'
        self.select['fg'] = '#91091e'
        self.select['font'] = 'Helvetica'
        self.select['justify'] = 'right'
        self.select['width'] = '43'
        self.select['relief'] = 'raised'
        self.select['activebackground'] = '#d3e0ea'
        self.select['activeforeground'] = '#ef4f4f'
        self.select.grid(row=3, column=2)
def main():
   app = LoginFrame()
   app.master.title("Login Frame")
    app.master.grid_rowconfigure(0, weight=1)
app.master['background'] = "#4a3933"
    app.master.grid_columnconfigure(0, weight=1)
    app.mainloop()
if __name__ == "__main__":
   main()
```

Hasil Program:

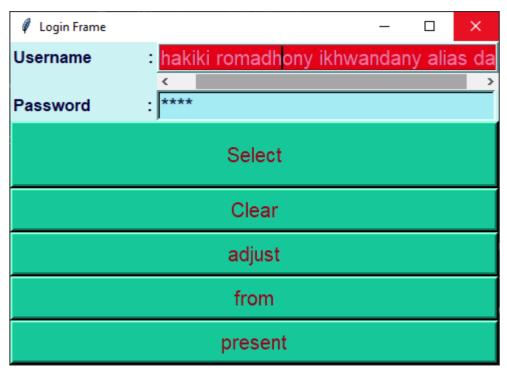
1. Button



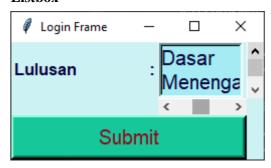
2. Checkbutton



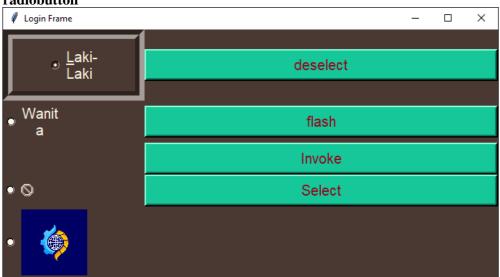
3. Entry



4. Listbox



5. radiobutton



F. Pembahasan

Pada praktikum ini menggunakan banyak sekali opsi dan method pada 5 kontrol dasar (button, checkbutton, entry, listbox, radiobutton), tetapi penulis hanya akan membahas opsi dan method pada enry, karena paling banyak opsi dan methodnya dibandingkan control dasar yang lain.

1. Bg

Opsi bg di gunakan untuk merubah warna background dari entry

2. Bd

Opsi bd di gunakan untuk mengatur ukuran border

3. Cursor

Opsi cursor di gunakan untuk merubah bentuk cursor saat di atas entry

4. Exportselection

5. Fg

Opsi fg di gunakan untuk merubah warna frontground dari entry

6. Font

Opsi font di gunakan untuk merubah jenis font dari entry

7. Justify

Opsi justify di gunakan untuk mengatur alignment atau pe rata an teks pada entry

8. Relief

Opsi relief di gunakan untuk merubah bentuk border dari entry

9. Selectbackground

Opsi selectbackground di gunakan untuk merubah warna background dari teks yang di select

10. Selectborderwidth

Opsi selectborder di gunakan untuk merubah ukuran border dari teks yang di select

11. Selectforeground

Opsi selectforeground di gunakan untuk merubah warna foreground dari teks yang di select

12. Show

Opsi show di gunakan untuk merubah teks yang di inputkan pada entry

13. Textvariable

Opsi textvariable di gunakan untuk mendeklarasikan jenis variable pada entry, defaultnya adalah stringvar

14. Width

Opsi width digunakan untuk mengatur lebar dari entry

15. Xscrollcommand

Opsi xscrollcomman digunakan untuk memanggil scroll horizontal agar jika teks yang kita masukkan terlalu panjang maka kita bisa scroll secara horizontal

16. Select_adjust

Select_adjust merupakan command agar kita bisa memilih teks dari letak cursor kita sampai ke index yang telah kita tentukan

17. Select_clear

Select clear merupakan command untuk membatalkan memilih teks

18. Select present

Select_present di gunakan untuk mendeteksi apakah kita memilih teks pada entry atau tidak

19. Select_range

Select_range digunakan untuk memilih teks dari index yang telah kita tentukan sampai ke index yang telah kita tentukan juga

G. Kesimpulan

Dari laporan praktikum ini dapat diambil kesimpulan bahwa tkinter merupakan salah satu library yang ada pada Bahasa pemrograman python. Di dalam tkinter sendiri terdapat beberapa control dasar, seperti button, checkbutton, entry, listbox, radiobutton. Masing masing control dasar tersebut mempunyai opsi dan method sendiri sendiri, ada pula yang tidak mempunyai method

Di opsi kita bisa merubah warna, jenis font, jenis border dan masih banyak lainnya tergantung control dasar yang di gunakan. Untuk method digunakan untuk menjalankan method tertentu, contohnya method select, dimana di gunakan untuk memilih teks tertentu pada entry, method tersebut tidak di panggil di entry, tpi dipanggil di button tau pada control lainnya dengan menggunakan opsi command.

Penggunaan control dasar sangat membantu dalam pembuatan GUI aplikasi, contohnya saat ingin membuat menu register atau login.

H. Daftar pustaka

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https://mail.python.org/pipermail/tutor/2005-July/039935.html

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