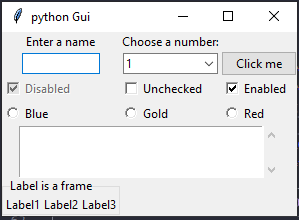
Bài báo cáo số 1:  
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Giao diện



**Chức năng:**

* Nhập tên
* Chọn số
* Thay đổi màu của viền xung quang

**Mã Chương Trình:**

import tkinter as tk

from tkinter import ttk

from tkinter import scrolledtext

win = tk.Tk()

win.title("python Gui")

win.resizable(True,False)

#Adding a label that will get modified

a\_label=ttk.Label(win, text ="A Label")

a\_label.grid(column =0,row=0)

#Button click Event function

def click\_me():

    action.configure(text=' Hello '+name.get()+  number\_chosen.get())

#Change our label

ttk.Label(win, text="Enter a name").grid(column=0,row=0)

#Adding a button

action= ttk.Button(win, text="Click me", command=click\_me)

action.grid(column=2,row=1)

#Adding A text box Entry Widget

name=tk.StringVar()

name\_entered=ttk.Entry(win, width=12,textvariable=name)

name\_entered.grid(column=0,row=1)

action.configure(state='enabled')

ttk.Label(win, text="Choose a number:").grid(column=1,row=0)

number=tk.StringVar()

number\_chosen=ttk.Combobox(win, width=12,textvariable=number,state='readonly')

number\_chosen['value']= (1 ,2 ,3 ,4)

number\_chosen.grid(column=1,row=1)

number\_chosen.current(0)

#Create trhree buttons

chVarDis=tk.IntVar()

check1=tk.Checkbutton(win,text="Disabled",variable=chVarDis,state='disabled')

check1.select()

check1.grid(column=0,row=4,sticky=tk.W)

chVarUn=tk.IntVar()

check2=tk.Checkbutton(win,text="Unchecked",variable=chVarUn)

check2.deselect()

check2.grid(column=1,row=4,sticky=tk.W)

chVarEn=tk.IntVar()

check3=tk.Checkbutton(win,text="Enabled",variable=chVarEn)

check3.select()

check3.grid(column=2,row=4,sticky=tk.W)

#Radio Button golbal

COLOR1="Blue"

COLOR2="Gold"

COLOR3="Red"

#Radiobutton Callback

def radCall():

    radSel=radVar.get()

    if radSel ==1:win.configure(background=COLOR1)

    elif radSel ==2:win.configure(background=COLOR2)

    elif radSel ==3:win.configure(background=COLOR3)

#create three radiobuttons using one variable

radVar=tk.IntVar()

rad1=tk.Radiobutton(win,text=COLOR1,variable=radVar,value=1,command=radCall)

rad1.grid(column=0,row=5,sticky=tk.W,columnspan=3)

rad2=tk.Radiobutton(win,text=COLOR2,variable=radVar,value=2,command=radCall)

rad2.grid(column=1,row=5,sticky=tk.W,columnspan=3)

rad3=tk.Radiobutton(win,text=COLOR3,variable=radVar,value=3,command=radCall)

rad3.grid(column=2,row=5,sticky=tk.W,columnspan=3)

# USing a srcolled Text control

scrol\_w =30

scrol\_h =3

scr=scrolledtext.ScrolledText(win,width=scrol\_w,height=scrol\_h,wrap=tk.WORD)

scr.grid(column=0,columnspan=3)

#Create a container to hold labels

button\_frame =  ttk.LabelFrame(win,text='Label is a frame')

button\_frame.grid(column=0,row=7)

#button\_frame.grid(column=1,row=7)

#place labels into the container element

ttk.Label(button\_frame,text="Label1").grid(column=0,row=0,sticky=tk.W)

ttk.Label(button\_frame,text="Label2").grid(column=1,row=0,sticky=tk.W)

ttk.Label(button\_frame,text="Label3").grid(column=2,row=0,sticky=tk.W)

name\_entered.focus()  #Place cursor into name Entry

############Start GUI################

win.mainloop()