1.

from tkinter import \*

from tkinter import messagebox

def myMsg():

messagebox.showinfo("我的對話方塊","Hello, World!")

window = Tk()

window.title("tk")

window.geometry("230x70")

Button(window,text="顯示訊息",command=myMsg).pack()

window.mainloop()

2.

from tkinter import \*

def cal():

n3.set(n2.get()/(n1.get()/100)\*\*2)

window = Tk()

window.title("tk")

n1 = IntVar()

n2 = IntVar()

n3 = IntVar()

lab1 = Label(window,text="請輸入身高(公分):").pack()

e1 = Entry(window,width=20,textvariable=n1).pack()

lab2 = Label(window,text="請輸入體重(公斤):").pack()

e2 = Entry(window,width=20,textvariable=n2).pack()

btn = Button(window,width=20,text="計算BMI",command=cal).pack()

e3 = Entry(window,width=20,textvariable=n3).pack()

window.mainloop()

3.

from tkinter import \*

def cal():

n2.set(n1.get()\*(9/5)+32)

window = Tk()

window.title("溫度轉換程式")

n1 = IntVar()

n2 = IntVar()

lab1 = Label(window,text="攝氏:")

e1 = Entry(window,width=20,textvariable=n1)

lab2 = Label(window,text="華氏:")

lab3 = Label(window,textvariable=n2)

btn = Button(window,text="轉換",command=cal)

lab1.grid(row=0,column=0)

e1.grid(row=0,column=1)

lab2.grid(row=1,column=0)

lab3.grid(row=1,column=1)

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

window.mainloop()

4.

from tkinter import \*

def change1():

lab1.config(text="+")

def change2():

lab1.config(text="-")

def change3():

lab1.config(text="\*")

def change4():

lab1.config(text="/")

def cal():

if lab1["text"] == "+":

n3.set(n1.get()+n2.get())

elif lab1["text"] == "-":

n3.set(n1.get()-n2.get())

elif lab1["text"] == "\*":

n3.set(n1.get()\*n2.get())

elif lab1["text"] == "/":

n3.set(n1.get()/n2.get())

window = Tk()

window.title("Calculator")

n1 = IntVar()

n2 = IntVar()

n3 = IntVar()

e1 = Entry(window,width=8,textvariable=n1)

lab1 = Label(window,width=8,text="+")

e2 = Entry(window,width=8,textvariable=n2)

btn1 = Button(window,width=5,text="+",command=change1)

btn2 = Button(window,width=5,text="-",command=change2)

btn3 = Button(window,width=5,text="\*",command=change3)

btn4 = Button(window,width=5,text="/",command=change4)

btn5 = Button(window,width=5,text="=",command=cal)

e3 = Entry(window,width=8,textvariable=n3)

e1.grid(row=0,column=0)

lab1.grid(row=0,column=1)

e2.grid(row=0,column=2)

btn1.grid(row=1,column=1)

btn2.grid(row=2,column=1)

btn3.grid(row=3,column=1)

btn4.grid(row=4,column=1)

btn5.grid(row=5,column=1)

e3.grid(row=6,column=1)

window.mainloop()