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# Import Module
from tkinter import *

# Create Object
root = Tk()

# Set geometry
root.geometry('400x500')

# Information List
datas = []

# Add Information
def add():
    global datas
    datas.append([Name.get(),Number.get(),address.get(1.0, "end-1c")])
    update_book()

# View Information
def view():
    Name.set(datas[int(select.curselection()[0])][0])
    Number.set(datas[int(select.curselection()[0])][1])
    address.delete(1.0,"end")
    address.insert(1.0, datas[int(select.curselection()[0])][2])

# Delete Information
def delete():
    del datas[int(select.curselection()[0])]
    update_book()

def reset():
    Name.set("")
    Number.set("")
    address.delete(1.0,"end")

# Update Information
def update_book():
    select.delete(0,END)
    for n,p,a in datas:
        select.insert(END, n)

# Add Buttons, Label, ListBox
Name = StringVar()
Number = StringVar()

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frame = Frame()
frame.pack(pady=10)
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frame1 = Frame()
frame1.pack()
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frame2 = Frame()
frame2.pack(pady=10)
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Label(frame, text = 'Name', font='arial 12 bold').pack(side=LEFT)
Entry(frame, textvariable = Name,width=50).pack()
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Label(frame1, text = 'Phone No.', font='arial 12 bold').pack(side=LEFT)
Entry(frame1, textvariable = Number,width=50).pack()
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Label(frame2, text = 'Address', font='arial 12 bold').pack(side=LEFT)
address = Text(frame2,width=37,height=10)
address.pack()
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Button(root,text="Add",font="arial 12 bold",command=add).place(x= 100, y=270)
Button(root,text="View",font="arial 12 bold",command=view).place(x= 100, y=310)
Button(root,text="Delete",font="arial 12 bold",command=delete).place(x= 100, y=350)
Button(root,text="Reset",font="arial 12 bold",command=reset).place(x= 100, y=390)
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scroll_bar = Scrollbar(root, orient=VERTICAL)
select = Listbox(root, yscrollcommand=scroll_bar.set, height=12)
scroll_bar.config (command=select.yview)
scroll_bar.pack(side=RIGHT, fill=Y)
select.place(x=200,y=260)
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# Execute Tkinter
root.mainloop()
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