

```
# Hello World project
# python 3
#sakhteh daftar phone writh aref
#barname phone ba save and delet and bacgrand
meshge
# دفترچه تلفن کامل شخصی
```

```
from logging import root
from tkinter import messagebox
from tkinter import *
import webbrowser
import pyperclip
import random
import os
```

```
root = Tk()
root.title('Phone Book')
root.geometry('1000x400')
background = '#121212'
root.config(bg= background)
```

```
def open_dir():
    webbrowser.open('D:\Visual
Studio\MyProject\Contact Book\Data2.txt')
```

```

def add_contact() :
    contact_string = name_entry.get() + ': ' +
phone_entry.get() + ': ' + Mobile_entry.get() + ':
' + Address_entry.get() + ': ' + Maill_entry.get()

    listbox.insert(END, contact_string)

    name_entry.delete(0, END)
    phone_entry.delete(0, END)
    Mobile_entry.delete(0, END)
    Address_entry.delete(0, END)
    Maill_entry.delete(0, END)

def delete_contact():
    listbox.delete(ANCHOR)

def save_list():
    """ Save the list to a simple txt file """

    with open('D:\Visual Studio\MyProject\Contact
Book\Data2.txt','w') as f:
        list_tuple = listbox.get(0, END)
        for item in list_tuple:
            if item.endswith('\n'):
                f.write(item)
            else:
                f.write(item+'\n')

def open_list():

```

```
        with open('D:\Visual
Studio\MyProject\Contact Book\Data2.txt','r') as
f:
```

```
        for line in f:
            listbox.insert(END, line)
```

```
def exit():
    choice = messagebox.askquestion('Exit
Aplictation', 'Are you sure you want to ciose the
application ?')
    if choice == 'yes':
        root.destroy()
    else:
        return
```

```
name_label = Label(root, text='Contact Name:',
bg=background, fg='white', font=('calibri',12),
anchor='w', justify=LEFT )
name_label. place(relx=0.1, rely=0.1, anchor='c')
```

```
name_entry = Entry(root, bg='white', fg=background,
width=40, borderwidth=4)
name_entry. place(relx=0.3, rely=0.1, anchor='c')
```

```
phone_label = Label(root, text='Contact phone:',
bg=background, fg='white', font=('calibri',12),
anchor='w', justify=LEFT )
phone_label. place(relx=0.1, rely=0.2, anchor='c')
```

```
phone_entry = Entry(root, bg='white',  
fg=background, width=40, borderwidth=4)  
phone_entry. place(relx=0.3, rely=0.2, anchor='c')
```

```
Mobile_label = Label(root, text=' Contact Mobile:',  
bg=background, fg='white', font=('calibri',12),  
anchor='w', justify=LEFT )  
Mobile_label. place(relx=0.1, rely=0.3, anchor='c')
```

```
Mobile_entry = Entry(root, bg='white',  
fg=background, width=40, borderwidth=4)  
Mobile_entry. place(relx=0.3, rely=0.3, anchor='c')
```

```
Address_label = Label(root, text=' Contact  
Address:', bg=background, fg='white',  
font=('calibri',12), anchor='w', justify=LEFT )  
Address_label. place(relx=0.1, rely=0.4,  
anchor='c')
```

```
Address_entry = Entry(root, bg='white',  
fg=background, width=40, borderwidth=4)  
Address_entry. place(relx=0.3, rely=0.4,  
anchor='c')
```

```
Maill_label = Label(root, text='Contact Maill :',  
bg=background, fg='white', font=('calibri',12),  
anchor='w', justify=LEFT )
```

```
Maill_label. place(relx=0.1, rely=0.5, anchor='c')
```

```
Maill_entry = Entry(root, bg='white',  
fg=background, width=40, borderwidth=4)  
Maill_entry. place(relx=0.3, rely=0.5, anchor='c')
```

```
openSaved = Button(root, text='Open Saved File',  
bg=background, fg='white', borderwidth=3,  
padx=160,command=open_dir )  
openSaved. place(relx=0.25, rely=0.60, anchor='c')
```

```
add_btn = Button(root, text='Add Contact',  
bg=background, fg='white', borderwidth=3,  
padx=68,command=add_contact )  
add_btn.place(relx=0.15, rely=0.70, anchor='c')
```

```
save_btn = Button(root, text='Save List',  
bg=background, fg='white',borderwidth=3,  
padx=82,command=save_list )  
save_btn. place(relx=0.37, rely=0.70, anchor='c')
```

```
deletePhone = Button(root, text='Delete Contact',  
bg=background, fg='white', borderwidth=3, padx=177  
, command=delete_contact)  
deletePhone.place(relx=0.26, rely=0.80, anchor='c')
```

```
exit = Button(root, text='Exit App',  
bg=background, fg='white',borderwidth=3, padx=194,  
command=exit )
```

```
exit.place(relx=0.26, rely=0.90, anchor='c')

listbox = Listbox(root, width=90, height=22)
listbox.place(relx=0.71, rely=0.49, anchor='c')

open_list()
root.mainloop ()
```