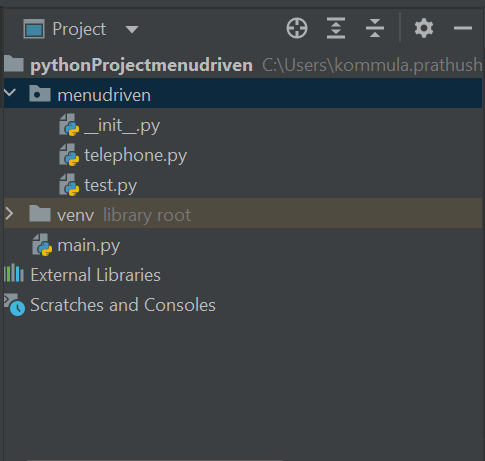
**MENU DRIVEN**



**Menudriven.py**

**Telephone.py**

def add(dict1):  
 name3= raw\_input("Enter the new name you want to add: ")  
 num3=input("Enter the number: ")  
 dict1[name3]=num3  
 print (dict1)  
  
  
def search(dict1,n,list1,temp):  
 name2= raw\_input("Enter the name whose number is to be found: ")  
 for i in range(0,name2):  
 if list1[i]==name2:  
 temp=i  
 if temp!=100:  
 print( "Number is : ", list2[temp])  
  
def delete(dict1):  
 name4= raw\_input("Enter the name you want to delete: ")  
 del dict1[name4]  
 print(dict1)  
  
def update(dict1,n,list1):  
 global temp  
 name5= raw\_input("Enter the name which you want to update: ")  
 for i in range(0,n):  
 if list1[i]==name5:  
 temp=i  
 if temp!=100:  
 num5=input("Enter the new number")  
 dict1[name5]=num5  
 print (dict1)  
def view(dict1):  
 print(dict1)  
print ("\*\*\*\*\*TELEPHONE DIRECTORY\*\*\*")  
list1=[]  
list2=[]  
dict1={}  
temp=100  
n=input("Enter the number of contacts : ")  
  
  
def raw\_input(param):  
 pass  
  
for i in range(1,2):  
 name1=raw\_input("Enter your name: ")  
 num=input("Enter your phone number: ")  
 list1.extend([name1])  
 list2.extend([num])  
 dict1=dict(zip(list1,list2))#to convert two list into dictionary  
print (dict1)  
  
print ("""  
 1:Add a contact  
 2:Search a contact  
 3:Delete a contact  
 4:Update a contact  
 5:View directory  
 6:Exit""")  
choice=input("Enter your choice")  
if choice == 1:  
 add(dict1)  
elif choice == 2:  
 search(dict1, n, list1, temp)  
elif choice == 3:  
 delete(dict1)  
elif choice == 4:  
 update(dict1, n, list1)  
else:  
 view(dict1)

**test.py**

import unittest  
from menudriven import telephone  
  
  
  
class MyTestCase(unittest.TestCase):  
 def test\_something1(self):  
 exp1= input("Enter the new name you want to add: \n"),input("Enter the number: ")  
 act1 = print("added")  
 def test\_something2(self):  
 exp2= input("Enter the name whose number is to be found:")  
 act2= print("search")  
 def test\_somrthing3(self):  
 exp3= input("Enter the name whose number is to be found:")  
 act3 = print("delete")  
 def test\_something4(self):  
 exp4 = input("Enter the name which you want to update:")  
 act4= print("update")  
 def test\_something5(self):  
 exp5= "view"  
 act5= "view"  
  
  
if \_\_name\_\_ == '\_\_main\_\_':  
 unittest.main()

**output:**

