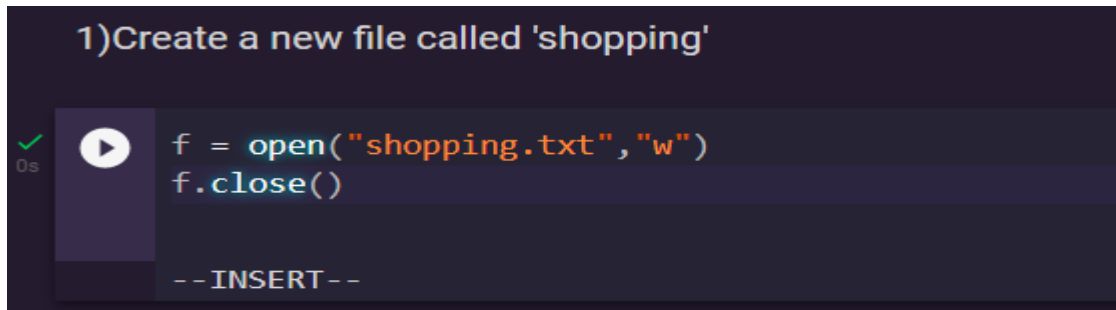# FILE HANDLING

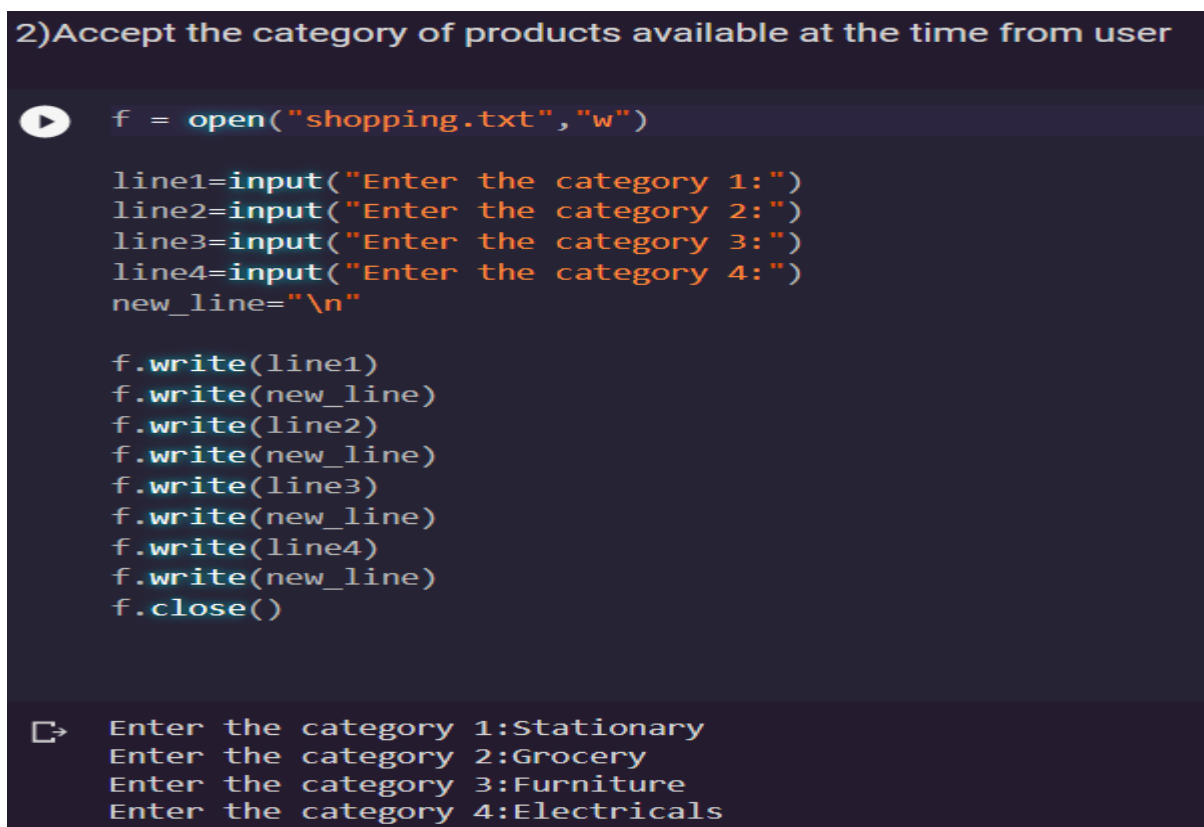## QUESTION

1)CREATE A NEW FILE NAMED 'SHOPPING'?

```
1)Create a new file called 'shopping'

f = open("shopping.txt","w")
f.close()

--INSERT--
```

2)ACCEPT THE CATEGORY OF PRODUCTS AVAILABLE AT THE TIME FROM USER?

```
2)Accept the category of products available at the time from user

f = open("shopping.txt","w")

line1=input("Enter the category 1:")
line2=input("Enter the category 2:")
line3=input("Enter the category 3:")
line4=input("Enter the category 4:")
new_line="\n"

f.write(line1)
f.write(new_line)
f.write(line2)
f.write(new_line)
f.write(line3)
f.write(new_line)
f.write(line4)
f.write(new_line)
f.close()

Enter the category 1:Stationary
Enter the category 2:Grocery
Enter the category 3:Furniture
Enter the category 4:Electricals
```

3)PRINT THE CATEGORY OF PRODUCTS AVAILABLE?

3)Print the category of products available

```
[121]  f = open("shopping.txt","r")
       s = f.read()
       print(s)

       Stationary
       Grocery
       Furniture
       Electricals
```

4)UPDATE THE FILE 'SHOPPING' AND ADD TWO MORE CATEGORIES?

4)UPDATE THE FILE 'SHOPPING' AND ADD TWO MORE CATEGORIES

```
[122]  f= open("shopping.txt","a")
       line5=input("Enter the category 5:")
       line6=input("Enter the category 6:")

       f.write(line5)
       f.write(new_line)
       f.write(line6)
       f.write(new_line)
       f.close()


       Enter the category 5:Toys
       Enter the category 6:Dresses
```

5)PRINT THE FILE AFTER UPDATION?

5)PRINT THE NEW FILE AFTER UPDATION

```
[123]  f=open("shopping.txt","r")
       s1=f.read()
       print(s1)

       Stationary
       Grocery
       Furniture
       Electricals
       Toys
       Dresses
```

6)CREATE A NEW FILE WHICH CONTAINS CATEGORIES OUT OF STOCK FROM USER?

6)Create a new file which contains categories out of stock from user

```
[124] f= open("unavailable.txt","w")

      l1=input("Enter the unavailable category :")
      l2=input("Enter the unavailablecategory :")
      new_line="\n"

      f.write(l1)
      f.write(new_line)
      f.write(l2)
      f.write(new_line)
      f.close()

      Enter the unavailable category :Toys
      Enter the unavailablecategory :Furniture
```

7)DISPLAY THE UNAVAILABLE CATEGORY ALON WITH THE AVAILABLE CATEGORY FILES?

7)Display the unavaible category along with avaible category files

```
[125] f = open("shopping.txt","r")
      data=f.read()

      f1= open("unavailable.txt","r")
      data1=f1.read()

      f2=open("merge.txt","w+")

      f2.write(data)
      f2.write(data1)

      f.close()
      f1.close()
      f2.close()


[126] f3=open("merge.txt","r")
      s2=f3.read()
      print(s2)

      Stationary
      Grocery
      Furniture
      Electricals
      Toys
      Dresses
      Toys
      Furniture
```

8)DELETE THE FILE 'SHOPPING'?

```
8)Delete the file 'shopping'

127]  import os
      os.remove("shopping.txt")


   ▶  f=open("shopping.txt","r")
      f.close()

   ⇥  --------------------------------------------------------------------
      FileNotFoundError                         Traceback (most recent call last)
      <ipython-input-128-90e4dc72fcf2> in <module>
      ----> 1 f=open("shopping.txt","r")
            2 f.close()

      FileNotFoundError: [Errno 2] No such file or directory: 'shopping.txt'

      SEARCH STACK OVERFLOW
```