Assignment Questions:

Create a python program to organize their shopping list.

Create a list for the shopping items, tuple for item quantity and set to ensure there are no duplicates.

Implement a function to add, remove and update items on the list.

#creating a list

shopping\_list = [("tshirt",5),("pants",2),("suit",7)]

print(shopping\_list)

item = input("Enter Item name : ")

qty = int(input("Enter Qty : "))

tup = (item,qty)

operation = input("choose operation : ")

print("New item :",tup)

def addList(data):

shopping\_list.append(data)

return

def removeList(item):

for x in shopping\_list:

item\_name,quantity = x

if(item\_name == item):

shopping\_list.remove(x)

return

def updateList(item,data):

for x in shopping\_list:

item\_name,quantity = x

if(item\_name == item):

shopping\_list.remove(x)

shopping\_list.append(data)

return

if(operation == "add"):

addList(tup)

elif(operation == "remove"):

removeList(item)

elif(operation == "update"):

updateList(item,tup)

else:

print("something went wrong")

print("Updated List :",shopping\_list)