``python

products = [['Desktop', 799.00, 5], ['Laptop A', 1200.00, 6]]

sales = []

def stock\_check():

print("[Type, Cost, stock]")

for i in products:

print(i)

def add\_stock():

data = []

stock\_type = input("Enter product name: ").capitalize()

check = False

while not check:

try:

cost1 = float(input("Enter Product cost up to 2 Decimal Places: "))

cost = round(cost1, 2)

check = True

except:

print("Entered value is not in the required format.")

check\_1 = False

while not check\_1:

try:

stock = int(input("Enter the amount of stock: "))

check\_1 = True

except:

print("Entered value is not in the required format.")

data.append(stock\_type)

data.append(cost)

data.append(stock)

products.append(data)

def addition():

s\_check = False

q\_check = False

data1 = []

while not s\_check:

s\_type = input("Enter the Stock Type you want to buy: ")

for i in products:

if s\_type.lower() == i[0].lower():

s\_check = True

while not q\_check:

s\_quantity = int(input("Enter the quantity for %s you want to buy: " % s\_type))

if s\_quantity > i[2]:

print("Max available stock is: %s" % str(i[2]))

else:

i[2] = i[2] - s\_quantity

q\_check = True

break

if not s\_check:

print("Entered stock does not exist")

if s\_check and q\_check:

data1.append(s\_type)

data1.append(i[1])

data1.append(s\_quantity)

sales.append(data1)

break

while True:

opt = input("Add more products? press y or n: ")

if opt.lower() == "y":

data.append(addition())

elif opt.lower() == "n":

break

else:

print("invalid option")

sum = 0

sub\_total = 0

for j in data:

if isinstance(j, list):

sum = sum + int(j[1])

sub\_total = sub\_total + price(j)

data.append(sub\_total)

if sum >= 5:

final\_total = sub\_total - ((sub\_total / 5) \* 100)

else:

final\_total = sub\_total

data.append(final\_total)

sales.append(data)

print("Customer Receipt\n\n Customer Name:{}\n Company name: {}\n Purchase date: {}\n \n "

"Products (Type/Number) :\n {}\n \n Subtotal: {} \n Total Minus Discount: {} \n "

"Final Total: {}\n " .format(\*sales[-1]))

while True:

option = int(input("Enter 1 for Stock Check \nEnter 2 for Add stock\nEnter 3 for Record Sale\nEnter 4 to exit\n"))

if option = 1:

stock\_check()

elif option = 2:

add\_stock()

elif option = 3:

record\_sale()

elif option = 4:

break

else:

print("Invalid option, Select between 1 and 4” )