*# Reading the Inventory*

fd **=** open('Inventory.txt','r')

products **=** fd**.**read()**.**split('\n')

fd**.**close()

*# Taling User Input*

ui\_prod\_id **=** input("Enter product ID: ")

ui\_prod\_qn **=** input("Enter product Quantity: ")

updated\_product\_lst **=** []

*# Going through each product detail*

**for** product **in** products:

prod\_details **=** product**.**split(',')

**if**(prod\_details[0] **==** ui\_prod\_id):

*# Checking if product exists or not*

**if** (int(ui\_prod\_qn) **<=** int(prod\_details[3])):

*# If we're having enough quantity*

print("-----------------------------")

print("Product Name : ", prod\_details[1])

print("Price : ", prod\_details[2])

print("Quantity : ", ui\_prod\_qn)

print("-----------------------------")

print("Billing Amount : ", int(ui\_prod\_qn) **\*** int(prod\_details[2]))

print("-----------------------------")

prod\_details[3] **=** str(int(prod\_details[3]) **-** int(ui\_prod\_qn))

**else**:

print("Thanks")

*# Updating my Inventory List*

updated\_product\_lst**.**append(prod\_details)

lst **=** []

*# Updating my Inventory String*

**for** i **in** updated\_product\_lst:

prod **=** i[0] **+**","**+** i[1] **+**","**+** i[2] **+**","**+** i[3] **+** '\n'

lst**.**append(prod)

lst[**-**1] **=** lst[**-**1][:**-**1]

*# Updating Inventory File*

fd **=** open('Inventory.txt','w')

**for** i **in** lst:

fd**.**write(i)

fd**.**close()

print("-------------------")

print("Inventory Updated")

Enter product ID: 3

Enter product Quantity: 8

Sorry, We're not having enought quantity.

We're having only 5 quantity.

Would you like to purchase it?

Press Y/NY

-----------------------------

Product Name : Cake

Price : 300

Quantity : 5

-----------------------------

Billing Amount : 1500

-----------------------------

-------------------

Inventory Updated

In [ ]: