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Billing\_project

Python course

There are 2 variables item\_1 item\_2 the price of item\_1=500 item\_5​

In the input select item number to calculate the cost​

Next enter the quantity ​

And the bill will be printed

The discount is calculated for every few units so the more the buyer buys the more discount they will get. The code for the discount part is

if 2 <= i2 <= 5:

discount = 4 / 100

elif 1 <= i2 <= 2:

discount = 10 / 100

elif 5 <= i2 <= 8:

discount = 19 / 100

elif 11 <= i2 <= 40:

discount = 24 / 100

elif i2 >= 12:

discount = 29 / 100

else:

discount = 2 / 100

SGST and CGST are both 12 percent so it is cost multiplied by both GST types

The code for gst is simple

SGST = 12 / 100

CGST = 12 / 100

product\_SGST = cost \* SGST

product\_CGST = cost \* CGST

The printing function will print a bill with items purchased cost GST discount and amount to be paid the bill also has a border

item\_1=500 item\_2=2000 print("welcome\_to\_Billing\_project") print("item\_1-price-500-----item\_2-price-2000") i=int(input("enter item number :")) if i<=0: print(" ERROR ") print("ITEM DOES NOT EXIST") print("program will continue with errors") print(" restart program to continue normally") elif i>=3: print(" ERROR ") print(" ITEM DOES NOT EXIST") print("program will continue with errors") print(" restart program to continue normally") if i==1: i2=int(input("enter quantity")) cost=i2\*500 elif i == 2 : i2=int(input("enter quantity")) cost=i2\*2000 if 2 <= i2 <= 5: discount = 4 / 100 elif 1 <= i2 <= 2: discount = 10 / 100 elif 5 <= i2 <= 8: discount = 19 / 100 elif 11 <= i2 <= 40: discount = 24 / 100 elif i2 >= 12: discount = 29 / 100 else: discount = 2 / 100 SGST = 12 / 100 CGST = 12 / 100 product\_SGST = cost \* SGST product\_CGST = cost \* CGST product\_discount =cost \* discount amount=int(input("enter amount to be paid")) print("----------------------------------------------") print("| purchase again |") print("| total items purchased cost :",cost," |") print("| sgst :",product\_SGST," |") print("| cgst :",product\_CGST," |") print("| discount in % :",discount," |") print("| amount to be paid :",amount," |") print("----------------------------------------------")