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HomeWork 102B.py - C:\Users\ykt27\OneDrive\Desktop\HomeWork\HomeWork 102B.py (3.8.1)
File Edit Format Run Options Window Help
#prompt the user to enter the price of item
p = float(input("Enter the price of the item: "))
while(p<0):
    print("Wrong input.Enter a valid price!")
    p = float(input("Enter the price of the item: "))
qy = int(input("Enter the quantity being purchased: "))
print("The price of item",p)
print("The quantity being purchased is",qy)
t = 0
if(qy==10):
    t=0.95*p*qy
    print("Total(after discount):%.2f"%(t))
else:
    t1=p*qy
    print("Total:%.2f"%(t1))
```

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Python 3.8.1 Shell
File Edit Shell Debug Options Window Help
Python 3.8.1 [tags/v3.8.1:1b2239b6, Dec 10 2019, 22:59:24] (MSC v.1916 32 bit (Intel)) on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/ykt27/OneDrive/Desktop/58HomeWork 102B.py =====
Enter the price of the item: -13
Wrong input.Enter a valid price!
Enter the price of the item: 10
Enter the quantity being purchased: 9
The price of item 10.0
The quantity being purchased is 9
Total:90.00
>>>
===== RESTART: C:/Users/ykt27/OneDrive/Desktop/58HomeWork 102B.py =====
Enter the price of the item: 30
Enter the quantity being purchased: 10
The price of item 30.0
The quantity being purchased is 10
Total(after discount):285.00
>>>
===== RESTART: C:/Users/ykt27/OneDrive/Desktop/58HomeWork 102B.py =====
Enter the price of the item: 70
Enter the quantity being purchased: 11
The price of item 70.0
The quantity being purchased is 11
Total(after discount):771.50
>>>
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HomeWork 102.py - C:\Users\ykt27\OneDrive\Desktop\58HomeWork\HomeWork 102.py (3.8.1)
File Edit Format Run Options Window Help
name = input("Enter the customer name: ")
current_balance = float(input("Enter the current balance: "))
deposit_amount = float(input("Enter the deposit amount: "))
total = current_balance + deposit_amount
if total > 50000:
    print("The interest rate is 5%")
    new_total = total * .05
elif total < 50000 and total > 10000:
    print("The interest rate is 2%")
    new_total = total * .02
else:
    print("The interest rate is 1%")
    new_total = total * .01
print("Customer name: ",name, "\nCurrent balance: ",current_balance, "\nDeposit amount: ",deposit_amount)
print("The new balance is:",new_total)
```

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Python 3.8.1 Shell
File Edit Shell Debug Options Window Help
Python 3.8.1 [tags/v3.8.1.11629386, Dec 18 2019, 22:39:24] [MSC v.1916 32 bit (Intel)] on win32
Type "help()", "copyright()", "credits()" or "license()" for more information.
>>>
===== RESTART: C:\Users\ykt27\OneDrive\Desktop\SHomeWork 102.py =====
Enter the customer name: Yared
Enter the current balance: 60000
Enter the deposit amount: 10000
The interest rate is 5%
Customer name: Yared
Current balance: 60000.0
Deposit amount: 10000.0
The new balance is: 35000.0
>>>
===== RESTART: C:\Users\ykt27\OneDrive\Desktop\SHomeWork 102.py =====
Enter the customer name: Yared
Enter the current balance: 11000
Enter the deposit amount: 8000
The interest rate is 2%
Customer name: Yared
Current balance: 11000.0
Deposit amount: 8000.0
The new balance is: 380.0
>>>
===== RESTART: C:\Users\ykt27\OneDrive\Desktop\SHomeWork 102.py =====
Enter the customer name: Yared
Enter the current balance: 4000
Enter the deposit amount: 2000
The interest rate is 1%
Customer name: Yared
Current balance: 4000.0
Deposit amount: 2000.0
The new balance is: 60.0
>>>

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