

```
# super market billing system
```

```
while True:
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```
    cart = {}
```

```
    amount = 0
```

```
    name = input("enter name: ")
```

```
    ph_no = input("enter phone number: ")
```

```
    print("entre quantity and price")
```

```
while True:
```

```
    quantity = float(input("enter quantity:"))
```

```
    while True:
```

```
        p_name = input("enter item name: ").title()
```

```
        if p_name not in products.keys():
```

```
            print("write the correct spelling")
```

```
        else:
```

```
            break
```

```
    amount += products[p_name] * quantity
```

```
    cart[p_name] = products[p_name], "x", quantity
```

```
    repeat_item = input("do you want to add more items?(yes/no) ").lower()
```

```
    if repeat_item in ["no", "n"]:
```

```
        break
```

```
discount = 0
if amount <= 500:
    discount = 0.05
    act_amount = amount - amount * discount
elif amount <= 1000:
    discount = 0.07
    act_amount = amount - amount * discount
elif amount <= 5000:
    discount = 0.15
    act_amount = amount - amount * discount
else:
    discount = 0.2
    act_amount = amount - amount * discount
```

```
print("-" * 40)
print("customer name", name)
print("customer phone", ph_no)
for i, j in cart.items():
    p,x,q = j
    print(i, ":", p,x,q)
print("total bill", amount)
print("discount applied", discount * 100, "%OFF")
print("Final Bill", act_amount)
print("-" * 40)
next_person = input("is there a next person in queue: ").lower()
if next_person in ["no", "n"]:
    break
```

enter name: naman  
enter phone number: 92754365  
entre quantity and price  
enter quantity: 10  
enter item name: rice  
do you wnat to add more items?(yes/no) yes  
enter quantity: 5  
enter item name: tomatoes  
do you wnat to add more items?(yes/no) no  
-----  
customer name naman  
customer phone 92754365  
Rice : 80 x 10.0  
Tomatoes : 35 x 5.0  
total bill 975.0  
discount applied 7.0000000000000001 %OFF  
Final Bill 906.75  
-----

```
is there a next person in queue:  yes
enter name:  saransh
enter phone number:  936465662
entre quantity and price
enter quantity: 5
enter item name:  milk
do you wnat to add more items?(yes/no)  yes
enter quantity: 5
enter item name:  bread
do you wnat to add more items?(yes/no)  yes
enter quantity: 3
enter item name:  sugar
do you wnat to add more items?(yes/no)  no
-----
customer name saransh
customer phone 936465662
Milk : 45 x 5.0
Bread : 25 x 5.0
Sugar : 45 x 3.0
total bill 485.0
discount applied 5.0 %OFF
Final Bill 460.75
-----
is there a next person in queue:  no
```