

Task 2:Order Total Amount Calculation

Problem:

calculate the Final Bill for a food order based on

- 1.Order Amount
- 2.Customer Type
- 3.Delivery Distance
- 4.Payment Method

Rules:

- 1.if order amount greater than or equal to 1000,10% discount
- 2.if order amount greater than or equal to 500,5% discount.
- 3.if customer type is prime and order value greater than equal to 500,extra 5% discount.
- 4.delivery distance less than 5,add 40 rs or greater than or equal to 5,add 70 rs
- 5.payment method=cash on delivery and bill less than 500,pay extra 25 rs

Solution:

```
order_amount=int(input("Enter Amount:"))

cust_type=input("Enter Customer type:").lower()

dis=order_amount

if order_amount>=1000:
    dis=order_amount-(order_amount*0.1)

elif 500<=order_amount<1000:
    dis=order_amount-(order_amount*0.05)

if order_amount>=500 and cust_type=="prime":
    dis=dis-(dis*0.05)

print("Price=",dis)

deli_dist=int(input("Enter Distance:"))

pay_method=input("Enter payment Method:").lower()

if deli_dist<=5:
    dis+=40

else:
    dis+=70
```

```
if pay_method=="cash on delivery" and order_amount<=500:  
    dis+=25  
  
print("Final Price=",dis)
```

Output:

Enter Amount:2000

Enter Customer type:prime

Price= 1710.0

Enter Distance:8

Enter payment Method:cash on delivery

Final Price= 1780.0