Questions

1)Create n number of dictionaries for n categories of products available with the seller?

```
D1={1:"Toys",2:"Beverages",3:"Grocery",4:"Electronics"}

Toys={"Car":250,"Bike":300,"Scooter":400}
Beverages={"Miranda":50,"7up":20,"Pepsi":40}
Grocery={"Cabage":10,"Cauliflower":30,"Eggs":6}
Electronics={"Mobile":20000,"Washing Machine":18000,"Fridge":29000, "La
ptop":65000}

print(D1)
x=int(input("Enter the option:"))
print(D1[x])
if x==1:
    print(Toys)
elif x == 2:
    print(Beverages)
elif x == 3:
    print(Grocery)
else:
    print(Electronics)
```

2)Print the products available in category toys?

```
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[ ]  print(Toys)

     {'Car': 250, 'Bike': 300, 'Scooter': 400}
```

3)Print the total no of products available in category toys.

```
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[ ]  print("Number of items in category Toys=",len(Toys))

     Number of items in category Toys= 3
```

4)Print the price of a particular toy from dictionary TOYS?

4)Print the price of a particular toy from dictionary TOYS?

```
[ ] print(Toys.get("Car"))

    250
```

5)Add 2 more stationaries to dictionary stationary.

5)Add 2 more stationaries to dictionary Beverages.

```
[ ] Beverages["wine"]="1000"
    Beverages["water"]="10"
    print(Beverages)

    {'Miranda': 50, '7up': 20, 'Pepsi': 40, 'wine': '1000', 'water': '10'}
```

6)A person buys all the available stocks of a particular product say washing machine from dictionary electrical appliances, so remove washing machine from the list.

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```
[ ] Electronics.pop("Washing Machine")
    print(Electronics)

    {'Mobile': 20000, 'Fridge': 29000, 'Laptop': 65000}
```

7)print the number of items in dictionary groceries

7)print the number of items in dictionary groceries

```
[ ] print("No.of items in Grocery:",len(Grocery))

    No.of items in Grocery: 3
```

8)Check whether oil is available in dictionary groceries

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```
if "Oil"in Grocery.values():

    print("Oil is present & price:")
    print(Grocery.get("Oil"))

else:

    print("Oil is not present")

Oil is not present
```

9)if available print the price else add oil to the dictionary

```
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[ ]  Grocery["Oil"]="200"
     print(Grocery)

     {'Cabage': 10, 'Cauliflower': 30, 'Eggs': 6, 'Oil': '200'}
```

10)Create a new dictionary called furniture as a new category, add items and update the pervious.

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[ ]  Furniture={"Bed":1000,"Chair":750,"Table":3500}
     D1["Furniture"]="5"
     print(D1)
     print(Furniture)

     {1: 'Toys', 2: 'Beverages', 3: 'Grocery', 4: 'Electronics', 'Furniture': '5'}
     {'Bed': 1000, 'Chair': 750, 'Table': 3500}
```

11)A particular customer needs bed, check whether bed is available

```
11)A particular customer needs bed, check whether bed is available

[66] if "Bed"in Furniture.keys():

       print("Bed is Available")


     else:

         print("Bed is not present")

     Bed is Available
```

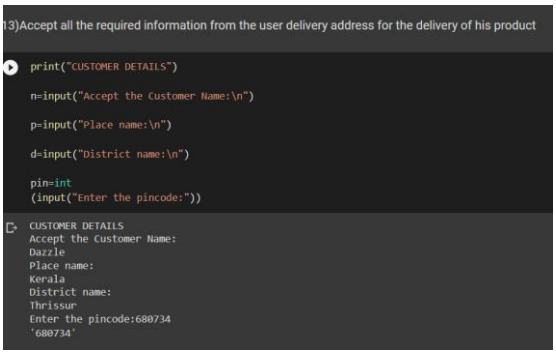
12)A customer chooses a particular item from category furniture print its details

```
12)A customer chooses a particular item from category furniture print its details

[ ]  print(Furniture.get("Bed"))

     1000
```

13)Accept all the required information from the user delivery address for the delivery of his product



```
13)Accept all the required information from the user delivery address for the delivery of his product

print("CUSTOMER DETAILS")

n=input("Accept the Customer Name:\n")

p=input("Place name:\n")

d=input("District name:\n")

pin=int
(input("Enter the pincode:"))
```

```
CUSTOMER DETAILS
Accept the Customer Name:
Dazzle
Place name:
Kerala
District name:
Thrissur
Enter the pincode:680734
'680734'
```

14)calculate the delivery amount according to your membership

```
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[ ]  seller_pincode=600101
     print("Are you a \n 1.Prime Member \n 2.Non-Prime Member")
     m=int(input())
     charge=0
     dl=0
     if m==1:
         print("Free Delivery")
     else:
         print("Enter the Pincode:")
         k=int(input())
         if k > 600000 and k < 699999:
                 charge=40
                 print("Fixed charge is applicabe:",charge)
                 dl=0
         else:
                 charge=100
                 print("",charge)
                 dl=1
```

```
Are you a
 1.Prime Member
 2.Non-Prime Member
2
Enter the Pincode:
740000
 100
```

15)print the order time and date

15)print the order time and date

```
import datetime
now = datetime.datetime.now()
print ("Orderd date and time : ")
print (now.strftime("%Y-%m-%d \n%H:%M:%S"))
```

```
Orderd date and time :
2022-08-28
19:18:32
```

16)print the expected delivery date

16)print the expected delivery date

```
from datetime import datetime, timedelta
print ("\nExpexted Delivery Date: ")
da = now + timedelta(days=7)
print(da.strftime("%Y-%m-%d"))
```

```
Expexted Delivery Date:
2022-09-04
```

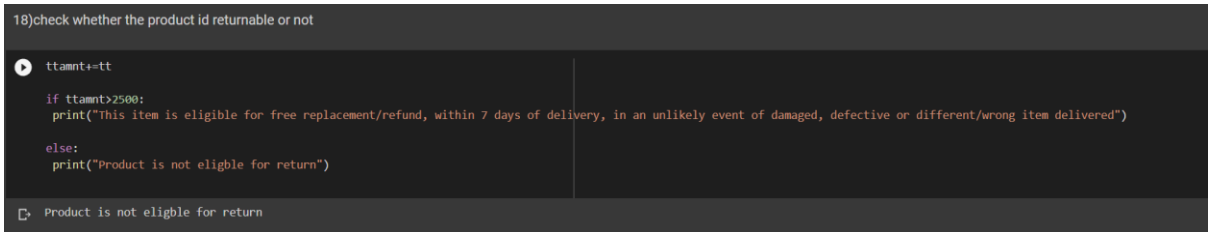
17)print the tax amount

17)print the tax amount

```
ttamnt=Furniture["Bed"]
tt=ttamnt*0.075
print("Tax Amount for the purchase is: " ,(tt))
```

```
Tax Amount for the purchase is:  75.0
```

18)check whether the product id returnable or not



19)print the total price of the product

9)print the total price of the product

```
print("The total price is:",ttamnt+charge+tt)
```

```
The total price is: 1400.0
```

20) print the complete order details

20) print the complete order delivery details

```
print("ORDER DELIVERY DETAIL \n")

print("NAME: ",n)

print("PLACE NAME: ",p)

print("DISTRICT:",d)

print("\nPIN:",pin)
```

```
ORDER DELIVERY DETAIL

NAME:  Daz
PLACE NAME:  Kerala
DISTRICT: Thrissur

PIN: 680734
```