Q1)

```
#Q1. List all customers.
cur.execute('select FirstName,LastName from customers')
res=cur.fetchall()
for record in res:
   print('FIRST NAME: ',record[0],',', 'LAST NAME: ',record[1])
   print()
```

FIRST NAME: John , LAST NAME: Doe

FIRST NAME: Jane , LAST NAME: Smith

Q2)

```
#Q2. Find all orders placed in January 2023.
cur.execute('select * from Orders where MONTH(OrderDate)=1 and YEAR(OrderDate)=2023')
res2=cur.fetchall()
for r in res2:
    print('Order id:',r[0],',','Customer id:',r[1],',','OrderDate:',r[2])
    print()
```

Order id: 1, Customer id: 1, OrderDate: 2023-01-10

Order id: 2 , Customer id: 2 , OrderDate: 2023-01-12

Q4)

```
#Q4. List the products purchased in a specific order (e.g., OrderID = 1).
cur.execute('select oi.productID, p.productName, oi.quantity, p.price from OrderItems oi join Products p on oi.productid=p.productid')
res4=cur.fetchall()
for r in res4:
    print('ProductID: ',r[0],',','Product Name: ',r[1],',','Quantity: ',r[2],',','Price: ',r[3])
    print()
```

```
Laptop , Quantity:
                                                   1 , Price:
            1 , Product Name:
ProductID:
ProductID:
            3 , Product Name:
                               Headphones , Quantity:
                                                        2 , Price:
                                                                    100
ProductID:
                               Smartphone , Quantity:
            2 , Product Name:
                                                        1 , Price:
                                                                    600
                               Headphones , Quantity: 1 , Price:
ProductID:
            3 , Product Name:
                                                                    100
```

Q5)

Name of the customer: John Doe , Total Amount Spent: 1200

Name of the customer: Jane Smith , Total Amount Spent: 700

Q6)

Product Name: Headphones , Quantity: 3

Year: 2023, Month: 1, Numer of orders: 2, Total amount in the month: 1900

Q8)

Name: John Doe , Amount Spent: 1200