**1. Create an ‘Orders’ table which comprises of these columns: ‘order\_id’, ‘order\_date’, ‘amount’, ‘customer\_id’.**

Answer:

CREATE TABLE Orders (

order\_id int Primary Key,

order\_date date NOT NULL,

amount int,

customer\_id int

);

**2. Insert 5 new records.**

Answer:

insert into orders values

(1, '02-01-2023', 1234, 1),

(2, '02-02-2023', 234, 2),

(3, '03-21-2023', 134, 1),

(4, '03-01-2023', 123, 5),

(5, '05-01-2023', 124, 2);

**3. Make an inner join on ‘Customer’ and ‘Orders’ tables on the ‘customer\_id’ column.**

Answer:

Select customers.\*, order\_id, order\_date, amount

from customers inner join orders on orders.customer\_id = customers.customer\_id;

**4. Make left and right joins on ‘Customer’ and ‘Orders’ tables on the‘customer\_id’ column.**

Answer:

Select customers.\*, order\_id, order\_date, amount

from customers left join orders on orders.customer\_id = customers.customer\_id;

Select customers.\*, order\_id, order\_date, amount

from customers right join orders on orders.customer\_id = customers.customer\_id;

**5. Make a full outer join on ‘Customer’ and ‘Orders’ table on the ‘customer\_id’ column.**

Answer:

Select customers.\*, order\_id, order\_date, amount

from customers full outer join orders on orders.customer\_id = customers.customer\_id;

**6. Update the ‘Orders’ table and set the amount to be 100where‘customer\_id’ is 3.**

Answer:

update orders set amount = 100 where customer\_id = 3;