

Sarah Muhammad

P13-6042

Lab task

Question: 1

```
SQL> select * from salesman natural join customer01 natural join order001;
```

SALESMAN_ID	CITY	NAME	COMMISSION
CUSTOMER_ID	CUST_NAME	GRADE	ORD_NO PURCH_AMT ORD_DATE
CUSTOMER_ID			
5005	London	Pit Alex	.11
3001	Brad Guzan	100	70009 270.65 09-OCT-12
5001	New York	James Hoog	.15
3007	Brad Davis	200	70002 65.26 10-JUN-12
3002			

SALESMAN_ID	CITY	NAME	COMMISSION
CUSTOMER_ID	CUST_NAME	GRADE	ORD_NO PURCH_AMT ORD_DATE
CUSTOMER_ID			
5001	New York	James Hoog	.15
3002	Nick Rimando	100	70002 65.26 10-JUN-12
3002			
5001	New York	James Hoog	.15
3007	Brad Davis	200	70005 2400.6 07-SEP-12

SALESMAN_ID	CITY	NAME	COMMISSION
CUSTOMER_ID	CUST_NAME	GRADE	ORD_NO PURCH_AMT ORD_DATE
CUSTOMER_ID			
3007			
5001	New York	James Hoog	.15
3002	Nick Rimando	100	70005 2400.6 07-SEP-12
3007			
5001	New York	James Hoog	.15

SALESMAN_ID	CITY	NAME	COMMISSION
CUSTOMER_ID	CUST_NAME	GRADE	ORD_NO PURCH_AMT ORD_DATE
CUSTOMER_ID			
3007	Brad Davis	200	70008 5760 09-NOV-12
3002			
5001	New York	James Hoog	.15
3002	Nick Rimando	100	70008 5760 09-NOV-12

5001	New York	James Hoog	70005	2400.6	.15	07-SEP-12
3002	Nick Rimando	100				
3007						
5001	New York	James Hoog			.15	
SALESMAN_ID	CITY	NAME			COMMISSION	
COUSTOMER_ID	CUST_NAME	GRADE	ORD_NO	PURCH_AMT	ORD_DATE	
CUSTOMER_ID						
3007	Brad Davis	200	70008	5760	.15	09-NOV-12
3002						
5001	New York	James Hoog	70008	5760	.15	09-NOV-12
3002	Nick Rimando	100				
3002						
SALESMAN_ID	CITY	NAME			COMMISSION	
COUSTOMER_ID	CUST_NAME	GRADE	ORD_NO	PURCH_AMT	ORD_DATE	
CUSTOMER_ID						
5006	Paris	Mc Lyon	70010	1983.43	.14	10-DEC-12
3004	Fabian Johns	300				
3004						
5001	New York	James Hoog	70013	3045.6	.15	04-JUL-12
3007	Brad Davis	200				
3002						
SALESMAN_ID	CITY	NAME			COMMISSION	
COUSTOMER_ID	CUST_NAME	GRADE	ORD_NO	PURCH_AMT	ORD_DATE	
CUSTOMER_ID						
5001	New York	James Hoog	70013	3045.6	.15	04-JUL-12
3002	Nick Rimando	100				
3002						

10 rows selected.

## QUESTION: 2

```
SQL> select cust_name from customer01 c full join salesman s on(c.salesman_id=s.salesman_id) where grade<300 order by s.salesman_id;
CUST_NAME
-----
Nick Rimando
Brad Davis
Graham Zusi
Geoff Camero
Dead Guzan
Jozy Altidor
6 rows selected.
SQL>
```

## Question: 3

```
SQL> select cust_name, city, ord_date purch_amt from customer01 c full join order001 r on(c.salesman_id=r.salesman_id) order by ord_date;
```

CUST_NAME	CITY	PURCH_AMT
Geoff Camero	Berlin	10-JAN-12
Graham Zusi	California	06-FEB-12
Julian Green	London	06-FEB-12
Jozy Altidor	Moncow	08-MAR-12
Brad Davis	New York	10-JUN-12
Nick Rinando	New York	10-JUN-12
Nick Rinando	New York	04-JUL-12
Brad Davis	New York	04-JUL-12
Geoff Camero	Berlin	08-JUL-12
Julian Green	London	09-AUG-12
Graham Zusi	California	09-AUG-12
-----		
CUST_NAME	CITY	PURCH_AMT
Brad Davis	New York	07-SEP-12
Nick Rinando	New York	07-SEP-12
Graham Zusi	California	05-OCT-12
Julian Green	London	05-OCT-12
Brad Guzan	London	09-OCT-12
Nick Rinando	New York	09-NOV-12
Brad Davis	New York	09-NOV-12
Fabian Johns	Paris	10-DEC-12

19 rows selected.

```
SQL>
```

Question: 4

```
SQL> select * from customer01 x join salesman y on(x.city=y.city and commission >0.12);
```

COUSTOMER_ID	CUST_NAME	CITY	GRADE	SALESMAN_ID
SALESMAN_ID	NAME	CITY	COMMISSION	
3002	Nick Rimando	New York	100	5001
5001	James Hoog	New York	.15	
3004	Fabian Johns	Paris	300	5006
5006	Mc Lyon	Paris	.14	
3004	Fabian Johns	Paris	300	5006
5002	Nail Knite	Paris	.13	
-----				
COUSTOMER_ID	CUST_NAME	CITY	GRADE	SALESMAN_ID
SALESMAN_ID	NAME	CITY	COMMISSION	
3007	Brad Davis	New York	200	5001
5001	James Hoog	New York	.15	

```
SQL>
```

Question: 5

```
SQL> select cust_name from customer01 c left join salesman s on(c.salesman_id=s.salesman_id) order by s.salesman_id;
```

CUST_NAME
Brad Davis
Nick Rinando
Julian Green
Graham Zusi
Geoff Camero
Brad Guzan
Fabian Johns
Jozy Altidor

8 rows selected.

```
SQL>
```

Question: 6

```
SQL> select ord_no,ord_date,purch_amt from customer01 natural join order001 salesman;
```

ORD_NO	ORD_DATE	PURCH_AMT
70001	05-OCT-12	150.5
70001	05-OCT-12	150.5
70009	09-OCT-12	270.65
70002	10-JUN-12	65.26
70002	10-JUN-12	65.26
70004	08-JUL-12	110.5
70007	09-AUG-12	948.5
70007	09-AUG-12	948.5
70005	07-SEP-12	2400.6
70005	07-SEP-12	2400.6
70008	09-NOV-12	5760

  

ORD_NO	ORD_DATE	PURCH_AMT
70008	09-NOV-12	5760
70010	10-DEC-12	1983.43
70003	10-JAN-12	2480.4
70012	06-FEB-12	250.45
70012	06-FEB-12	250.45
70011	08-MAR-12	75.29
70013	04-JUL-12	3045.6
70013	04-JUL-12	3045.6

19 rows selected.

Question: 7

```
SQL> select cust_name from customer01 natural join salesman where commission>0.12;
```

CUST_NAME
Nick Rimando
Fabian Johns
Brad Davis

SQL>

Question: 8

```
SQL> select c.cust_name as "customer name",c.city,d.name as "salesman",d.commission from customer01 c inner join salesman d on(c.salesman_id=d.salesman_id);
```

customer name	CITY	salesman	COMMISSION
Nick Rimando	New York	James Hoag	.15
Graham Zusi	California	Mail Knite	.13
Brad Guzan	London	Pit Alex	.11
Fabian Johns	Paris	Re Lyon	.14
Brad Davis	New York	James Hoag	.15
Geoff Camero	Berlin	Lauson Hen	.12
Julian Green	London	Mail Knite	.13
Joey Altider	Moncey	Paul Adam	.13

8 rows selected.

SQL>

Question: 9

```
SQL> select cust_name,name from customer01 join salesman using (city);
```

CUST_NAME	NAME
Nick Rimando	James Hoog
Brad Guzan	Pit Alex
Fabian Johns	Mc Lyon
Fabian Johns	Nail Knite
Brad Davis	James Hoog
Julian Green	Pit Alex

```
6 rows selected.
```

```
SQL>
```

Question: 10

```
SQL> select ord_no, purch_amt,cust_name,city from customer01 natural join order001 where purch_amt between 500 and 2000;
```

ORD_NO	PURCH_AMT	CUST_NAME	CITY
70007	948.5	Graham Zusi	California
70010	1983.43	Fabian Johns	Paris
70007	948.5	Julian Green	London

```
SQL>
```

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