



# VIT<sup>®</sup>

**Vellore Institute of Technology**  
(Deemed to be University under section 3 of UGC Act, 1956)

**COURSE TITLE: DATABASE SYSTEMS**  
**LABCOURSE CODE: BCSE302P**

**EXPERIMENT NO: 6**  
**SQL JOINS**

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**SLOT:** L21+L22  
**CLASS NUMBER:** CH2022232501096  
**DATE:** 15-APRIL, 2023  
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Create three tables: salesman, customer and orders.

- SALESMAN( )

**CODE:**

```
CREATE TABLE SALESMAN_21BRS1629(SALESMAN_ID INT PRIMARY KEY, NAME VARCHAR(15), CITY VARCHAR(15), COMMISSION INT);
```

```
mysql> SELECT * FROM SALESMAN_21BRS1629;
```

SALESMAN_ID	NAME	CITY	COMMISSION
1	A	DELHI	5
2	B	CHENNAI	10
3	C	CHANDIGARH	15
4	D	DELHI	20
5	E	DELHI	25
6	F	AHEMDABAD	30
7	G	PUNE	35
8	H	BENGALURU	69
9	I	NASIK	45
10	J	INDORE	55

10 rows in set (0.00 sec)

- CUSTOMER(CUSTOMER\_ID, CUST\_NAME, CITY, GRADE, SALESMAN\_ID)

**CODE:**

```
CREATE TABLE CUSTOMER_21BRS1629(CUSTOMER_ID INT PRIMARY KEY, CUST_NAME VARCHAR(15), CITY VARCHAR(15), GRADE INT, SALESMAN_ID INT, FOREIGN KEY (SALESMAN_ID) REFERENCES SALESMAN_21BRS1629(SALESMAN_ID));
```

```
mysql> SELECT * FROM CUSTOMER_21BRS1629;
```

CUSTOMER_ID	CUST_NAME	CITY	GRADE	SALESMAN_ID
11	Rahul	Delhi	100	1
12	Priya	Mumbai	900	1
13	Amit	Kolkata	800	2
14	Anjali	Chennai	700	NULL
15	Rohit	Bengaluru	500	3
16	Sneha	Hyderabad	600	3
17	Vikram	Pune	550	4
18	Neha	Ahmedabad	650	NULL
19	Rajesh	Jaipur	400	5
20	Smita	Lucknow	510	6
21	Alok	Patna	110	NULL
22	Shreya	Surat	200	NULL
23	Vivek	Kanpur	300	7
24	Sakshi	Nagpur	450	8
25	Ravi	Indore	560	9
26	Anita	Thane	150	9
27	Aryan	Bhopal	270	10
28	Sarika	Visakhapatnam	370	10

18 rows in set (0.00 sec)

- ORDERS(ORDER\_NO, ORDER\_AMT, ORDER\_DATE, CUST\_ID, SALESMAN\_ID)

**CODE:**

```
CREATE TABLE ORDER_21BRS1629(ORDER_NO INT PRIMARY KEY, ORDER_AMT DECIMAL(10,2),
ORDER_DATE DATE, CUST_ID INT, SALESMAN_ID INT, FOREIGN KEY (SALESMAN_ID)
REFERENCES SALESMAN_21BRS1629 (SALESMAN_ID) ,FOREIGN KEY(CUST_ID) REFERENCES
CUSTOMER_21BRS1629(CUSTOMER_ID) );
```

```
mysql> SELECT * FROM ORDER_21BRS1629;
```

ORDER_NO	ORDER_AMT	ORDER_DATE	CUST_ID	SALESMAN_ID
111	2500.00	2010-06-23	11	1
112	1500.00	2010-06-23	11	1
113	1600.00	2010-06-23	12	1
114	1500.00	2010-06-23	12	1
115	2500.00	2010-06-23	13	2
116	1800.00	2010-06-23	13	2
117	1900.00	2010-06-23	14	NULL
118	2000.00	2010-06-23	14	NULL
119	1100.00	2010-06-23	15	3
120	1200.00	2010-06-23	15	3
121	1300.00	2011-06-23	16	3
122	1400.00	2011-06-23	16	3
123	5000.00	2011-06-23	17	4
124	5000.00	2011-06-23	17	NULL
125	1500.00	2011-06-23	18	5
126	1500.00	2011-06-23	19	NULL
127	5000.00	2011-06-23	20	NULL
128	500.00	2011-06-23	21	7
129	50.00	2011-06-23	22	8
130	550.00	2011-06-23	24	9
131	600.00	2011-06-23	25	9
132	990.00	2011-06-23	26	10
133	900.00	2011-06-23	27	10

```
23 rows in set (0.00 sec)
```

**1. Prepare a list with salesman name, customer name and their cities for the salesmen and customer who belongs to the same city.**

**CODE:**

```
SELECT S.NAME AS SALESMAN_NAME, C.CUST_NAME AS CUSTOMER_NAME,  
S.CITY FROM SALESMAN_21BRS1629 S JOIN CUSTOMER_21BRS1629 C ON S.CITY =  
C.CITY;
```

**OUTPUT:**

```
mysql> SELECT S.NAME AS SALESMAN_NAME, C.CUST_NAME AS CUSTOMER_NAME, S.CITY FROM SALESMAN_21BRS1629 S JOIN CUSTOMER_21BRS1629 C ON S.CITY = C.CITY;  
+-----+-----+-----+  
| SALESMAN_NAME | CUSTOMER_NAME | CITY |  
+-----+-----+-----+  
| E             | Rahul         | DELHI |  
| D             | Rahul         | DELHI |  
| A             | Rahul         | DELHI |  
| B             | Anjali        | CHENNAI |  
| H             | Rohit         | BENGALURU |  
| G             | Vikram        | PUNE |  
| J             | Ravi          | INDORE |  
+-----+-----+-----+  
7 rows in set (0.01 sec)
```

**2. Make a list with order no, purchase amount, customer name and their cities for those orders which order amount between 500 and 2000.**

**CODE:**

```
SELECT O.ORDER_NO, O.ORDER_AMT, C.CUST_NAME, C.CITY FROM  
ORDER_21BRS1629 O JOIN CUSTOMER_21BRS1629 C ON O.CUST_ID =  
C.CUSTOMER_ID WHERE O.ORDER_AMT BETWEEN 500 AND 2000;
```

**OUTPUT:**

```
mysql> SELECT O.ORDER_NO, O.ORDER_AMT, C.CUST_NAME, C.CITY FROM ORDER_21BRS1629 O JOIN CUSTOMER_21BRS1629 C ON O.CUST_ID = C.CUSTOMER_ID WHERE O.ORDER_AMT BETWEEN 500 AND 2000;  
+-----+-----+-----+  
| ORDER_NO | ORDER_AMT | CUST_NAME | CITY |  
+-----+-----+-----+  
| 112      | 1500.00   | Rahul     | Delhi |  
| 113      | 1600.00   | Priya     | Mumbai |  
| 114      | 1500.00   | Priya     | Mumbai |  
| 116      | 1800.00   | Amit      | Kolkata |  
| 117      | 1900.00   | Anjali    | Chennai |  
| 118      | 2000.00   | Anjali    | Chennai |  
| 119      | 1100.00   | Rohit     | Bengaluru |  
| 120      | 1200.00   | Rohit     | Bengaluru |  
| 121      | 1300.00   | Sneha     | Hyderabad |  
| 122      | 1400.00   | Sneha     | Hyderabad |  
| 125      | 1500.00   | Neha      | Ahmedabad |  
| 126      | 1500.00   | Rajesh    | Jaipur |  
| 128      | 500.00    | Alok      | Patna |  
| 130      | 550.00    | Sakshi    | Nagpur |  
| 131      | 600.00    | Ravi      | Indore |  
| 132      | 900.00    | Anita     | Thane |  
| 133      | 900.00    | Aryan     | Bhopal |  
+-----+-----+-----+  
17 rows in set (0.00 sec)
```

### 3. Know which salesman is working for which customer.

#### CODE:

```
SELECT S.NAME, C.CUST_NAME FROM SALESMAN_21BRS1629 S JOIN  
CUSTOMER_21BRS1629 C ON S.SALESMAN_ID = C.SALESMAN_ID;
```

#### OUTPUT:

```
mysql> SELECT S.NAME, C.CUST_NAME FROM SALESMAN_21BRS1629 S JOIN CUSTOMER_21BRS1629 C ON S.SALESMAN_ID = C.SALESMAN_ID;  
+-----+-----+  
| NAME | CUST_NAME |  
+-----+-----+  
| A    | Rahul    |  
| A    | Priya    |  
| B    | Amit     |  
| C    | Rohit    |  
| C    | Sneha    |  
| D    | Vikram   |  
| E    | Rajesh   |  
| F    | Smita    |  
| G    | Vivek    |  
| H    | Sakshi   |  
| I    | Ravi     |  
| I    | Anita    |  
| J    | Aryan    |  
| J    | Sarika   |  
+-----+-----+  
14 rows in set (0.00 sec)
```

### 4. Find the list of customers who appointed a salesman for their jobs who gets a commission from the company is more than 12%.

#### CODE:

```
SELECT C.CUST_NAME FROM CUSTOMER_21BRS1629 C JOIN SALESMAN  
_21BRS1629 S ON C.SALESMAN_ID = S.SALESMAN_ID WHERE S.COMMISSION > 12;
```

#### OUTPUT:

```
mysql> SELECT C.CUST_NAME FROM CUSTOMER_21BRS1629 C JOIN SALESMAN_21BRS1629 S ON C.SALESMAN_ID = S.SALESMAN_ID WHERE S.COMMISSION > 12;  
+-----+  
| CUST_NAME |  
+-----+  
| Rohit     |  
| Sneha     |  
| Vikram    |  
| Rajesh    |  
| Smita     |  
| Vivek     |  
| Sakshi    |  
| Ravi      |  
| Anita     |  
| Aryan     |  
| Sarika    |  
+-----+  
11 rows in set (0.00 sec)
```

**5. Find the list of customers who appointed a salesman for their jobs who does not live in the same city where their customer lives, and gets a commission is above 12%.**

**CODE:**

```
SELECT C.CUST_NAME FROM CUSTOMER_21BRS1629 C JOIN  
SALESMAN_21BRS1629 S ON C.SALESMAN_ID = S.SALESMAN_ID WHERE S.CITY !=  
C.CITY AND S.COMMISSION > 12;
```

**OUTPUT:**

```
mysql> SELECT C.CUST_NAME FROM CUSTOMER_21BRS1629 C JOIN SALESMAN_21BRS1629 S ON C.SALESMAN_ID = S.SALESMAN_ID WHERE S.CITY != C.CITY AND S.COMMISSION > 12;  
+-----+  
| CUST_NAME |  
+-----+  
| Rohit      |  
| Sneha      |  
| Vikram     |  
| Rajesh     |  
| Smita      |  
| Vivek      |  
| Sakshi     |  
| Ravi       |  
| Anita      |  
| Aryan      |  
| Sarika     |  
+-----+  
11 rows in set (0.00 sec)
```

**6. Find the details of an order i.e. order number, order date, amount of order, which customer gives the order and which salesman works for that customer and how much commission he gets for an order.**

**CODE:**

```
SELECT O.ORDER_NO, O.ORDER_DATE, O.ORDER_AMT, C.CUST_NAME AS CUSTOMER_NAME,  
S.NAME AS SALESMAN_NAME, S.COMMISSION FROM ORDER_21BRS1629 O JOIN  
CUSTOMER_21BRS1629 C ON O.CUST_ID = C.CUSTOMER_ID JOIN SALESMAN_21BRS1629 S ON  
O.SALESMAN_ID = S.SALESMAN_ID;
```

**OUTPUT:**

```
mysql> SELECT O.ORDER_NO, O.ORDER_DATE, O.ORDER_AMT, C.CUST_NAME AS CUSTOMER_NAME, S.NAME AS SALESMAN_NAME, S.COMMISSION FROM ORDER_21BRS1629 O JOIN CUSTOMER_21BRS1629 C ON O.CUST_ID = C.CUSTOMER_ID JOIN SALESMAN_21BRS1629 S ON O.SALESMAN_ID = S.SALESMAN_ID;  
+-----+-----+-----+-----+-----+-----+  
| ORDER_NO | ORDER_DATE | ORDER_AMT | CUSTOMER_NAME | SALESMAN_NAME | COMMISSION |  
+-----+-----+-----+-----+-----+-----+  
| 111 | 2010-06-23 | 2500.00 | Rahul | A | 5 |  
| 112 | 2010-06-23 | 1500.00 | Rahul | A | 5 |  
| 113 | 2010-06-23 | 1600.00 | Priya | A | 5 |  
| 114 | 2010-06-23 | 1500.00 | Priya | A | 5 |  
| 115 | 2010-06-23 | 2500.00 | Amit | B | 10 |  
| 116 | 2010-06-23 | 1800.00 | Amit | B | 10 |  
| 119 | 2010-06-23 | 1100.00 | Rohit | C | 15 |  
| 120 | 2010-06-23 | 1200.00 | Rohit | C | 15 |  
| 121 | 2011-06-23 | 1300.00 | Sneha | C | 15 |  
| 122 | 2011-06-23 | 1400.00 | Sneha | C | 15 |  
| 123 | 2011-06-23 | 5000.00 | Vikram | D | 20 |  
| 125 | 2011-06-23 | 1500.00 | Neha | E | 25 |  
| 128 | 2011-06-23 | 500.00 | Alok | G | 35 |  
| 129 | 2011-06-23 | 50.00 | Shreya | H | 69 |  
| 130 | 2011-06-23 | 550.00 | Sakshi | I | 45 |  
| 131 | 2011-06-23 | 600.00 | Ravi | I | 45 |  
| 132 | 2011-06-23 | 990.00 | Anita | J | 55 |  
| 133 | 2011-06-23 | 900.00 | Aryan | J | 55 |  
+-----+-----+-----+-----+-----+-----+  
18 rows in set (0.00 sec)
```

**7. Make a join on the tables: salesman, customer and orders in such a form that the same column of each table will appear once and only the relational rows will come.**

### **CODE:**

```
SELECT S.SALESMAN_ID, S.NAME AS SALESMAN_NAME, S.CITY AS SALESMAN_CITY,
S.COMMISSION,C.CUSTOMER_ID, C.CUST_NAME, C.CITY AS CUSTOMER_CITY, C.GRADE,
O.ORDER_NO, O.ORDER_AMT, O.ORDER_DATE FROM SALESMAN_21BRS1629 S JOIN
CUSTOMER_21BRS1629 C ON S.SALESMAN_ID = C.SALESMAN_ID JOIN ORDER_21BRS1629 O ON
C.CUSTOMER_ID = O.CUST_ID;
```

### **OUTPUT:**

```
mysql> SELECT S.SALESMAN_ID, S.NAME AS SALESMAN_NAME, S.CITY AS SALESMAN_CITY, S.COMMISSION,C.CUSTOMER_ID, C.CUST_NAME, C.CITY AS CUSTOMER_CITY, C.GRADE, O.
ORDER_NO, O.ORDER_AMT, O.ORDER_DATE FROM SALESMAN_21BRS1629 S JOIN CUSTOMER_21BRS1629 C ON S.SALESMAN_ID = C.SALESMAN_ID JOIN ORDER_21BRS1629 O ON C.CUSTOME
R_ID = O.CUST_ID;
```

SALESMAN_ID	SALESMAN_NAME	SALESMAN_CITY	COMMISSION	CUSTOMER_ID	CUST_NAME	CUSTOMER_CITY	GRADE	ORDER_NO	ORDER_AMT	ORDER_DATE
1	A	DELHI	5	11	Rahul	Delhi	100	111	2500.00	2010-06-23
1	A	DELHI	5	11	Rahul	Delhi	100	112	1500.00	2010-06-23
1	A	DELHI	5	12	Priya	Mumbai	900	113	1600.00	2010-06-23
1	A	DELHI	5	12	Priya	Mumbai	900	114	1500.00	2010-06-23
2	B	CHENNAI	10	13	Amit	Kolkata	800	115	2500.00	2010-06-23
2	B	CHENNAI	10	13	Amit	Kolkata	800	116	1800.00	2010-06-23
3	C	CHANDIGARH	15	15	Rohit	Bengaluru	500	119	1100.00	2010-06-23
3	C	CHANDIGARH	15	15	Rohit	Bengaluru	500	120	1200.00	2010-06-23
3	C	CHANDIGARH	15	16	Sneha	Hyderabad	600	121	1300.00	2011-06-23
3	C	CHANDIGARH	15	16	Sneha	Hyderabad	600	122	1400.00	2011-06-23
4	D	DELHI	20	17	Vikram	Pune	550	123	5000.00	2011-06-23
4	D	DELHI	20	17	Vikram	Pune	550	124	5000.00	2011-06-23
5	E	DELHI	25	19	Rajesh	Jaipur	400	126	1500.00	2011-06-23
6	F	AHEMDABAD	30	20	Smita	Lucknow	510	127	5000.00	2011-06-23
8	H	BENGALURU	69	24	Sakshi	Nagpur	450	130	550.00	2011-06-23
9	I	NASIK	45	25	Ravi	Indore	560	131	600.00	2011-06-23
9	I	NASIK	45	26	Anita	Thane	150	132	990.00	2011-06-23
10	J	INDORE	55	27	Aryan	Bhopal	270	133	900.00	2011-06-23

18 rows in set (0.00 sec)

**8. Make a list in ascending order for the customer who works either through a salesman or by own.**

### **CODE:**

```
SELECT C.CUST_NAME FROM CUSTOMER_21BRS1629 C LEFT JOIN SALESMAN_21BRS1629 S ON
C.SALESMAN_ID = S.SALESMAN_ID WHERE C.SALESMAN_ID IS NOT NULL OR C.SALESMAN_ID
IS NULL ORDER BY C.CUST_NAME ASC;
```

### **OUTPUT:**

```
mysql> SELECT C.CUST_NAME FROM CUSTOMER_21BRS1629 C LEFT JOIN SALESMAN_21BRS1629 S ON C.SALESMAN_ID = S.SALESMAN_ID WHERE C.SALESMAN_ID IS NOT NULL OR C.SAL
ESMAN_ID IS NULL ORDER BY C.CUST_NAME ASC;
```

CUST_NAME
Alok
Amit
Anita
Anjali
Aryan
Neha
Priya
Rahul
Rajesh
Ravi
Rohit
Sakshi
Sarika
Shreya
Smita
Sneha
Vikram
Vivek

18 rows in set (0.00 sec)

**9. Make a list in ascending order for the customer who holds a grade less than 300 and works either through a salesman or by own.**

**CODE:**

```
SELECT C.CUST_NAME FROM CUSTOMER_21BRS1629 C LEFT JOIN SALESMAN_21BRS1629 S ON C.SALESMAN_ID = S.SALESMAN_ID WHERE C.GRADE<300 AND (C.SALESMAN_ID IS NOT NULL OR C.SALESMAN_ID IS NULL) ORDER BY C.CUST_NAME ASC;
```

**OUTPUT:**

```
mysql> SELECT C.CUST_NAME FROM CUSTOMER_21BRS1629 C LEFT JOIN SALESMAN_21BRS1629 S ON C.SALESMAN_ID = S.SALESMAN_ID WHERE C.GRADE<300 AND (C.SALESMAN_ID IS NOT NULL OR C.SALESMAN_ID IS NULL) ORDER BY C.CUST_NAME ASC;
+-----+
| CUST_NAME |
+-----+
| Alok      |
| Anita     |
| Aryan     |
| Rahul     |
| Shreya    |
+-----+
5 rows in set (0.00 sec)
```

**10. Make a list in ascending order for the salesmen who work either for one or more customer or not yet join under any of the customers.**

**CODE:**

```
SELECT S.NAME AS SALESMAN_NAME FROM SALESMAN_21BRS1629 S LEFT JOIN CUSTOMER_21BRS1629 C ON S.SALESMAN_ID = C.SALESMAN_ID WHERE C.CUSTOMER_ID IS NOT NULL OR C.CUSTOMER_ID IS NULL ORDER BY S.NAME ASC
```

**OUTPUT:**

```
mysql> SELECT S.NAME AS SALESMAN_NAME FROM SALESMAN_21BRS1629 S LEFT JOIN CUSTOMER_21BRS1629 C ON S.SALESMAN_ID = C.SALESMAN_ID WHERE C.CUSTOMER_ID IS NOT NULL OR C.CUSTOMER_ID IS NULL ORDER BY S.NAME ASC;
+-----+
| SALESMAN_NAME |
+-----+
| A              |
| A              |
| B              |
| C              |
| C              |
| D              |
| E              |
| F              |
| G              |
| H              |
| I              |
| I              |
| J              |
+-----+
14 rows in set (0.00 sec)
```



**11. Make a list for the salesmen who work either for one or more customer or not yet join under any of the customers who placed either one or more orders or no order to their supplier.**

**CODE:**

```
SELECT S.NAME AS SALESMAN_NAME FROM SALESMAN_21BRS1629 S LEFT JOIN
CUSTOMER_21BRS1629 C ON S.SALESMAN_ID = C.SALESMAN_ID LEFT JOIN ORDER_21BRS1629
O ON C.CUSTOMER_ID = O.CUST_ID WHERE (C.CUSTOMER_ID IS NOT NULL OR C.CUSTOMER_ID
IS NULL) AND (O.ORDER_NO IS NOT NULL OR O.ORDER_NO IS NULL) ORDER BY S.NAME ASC;
```

**OUTPUT:**

```
mysql> SELECT S.NAME AS SALESMAN_NAME FROM SALESMAN_21BRS1629 S LEFT JOIN CUSTOMER_21BRS1629 C ON S.SALESMAN_ID = C.SALESMAN_ID LEFT JOIN ORDER_21BRS1629 O ON C.CUSTOMER_ID = O.CUST_ID WHERE (C.CUSTOMER_ID IS NOT NULL OR C.CUSTOMER_ID IS NULL) AND (O.ORDER_NO IS NOT NULL OR O.ORDER_NO IS NULL) ORDER BY S.NAME ASC;
```

SALESMAN_NAME
A
A
A
A
B
B
C
C
C
C
D
D
E
F
G
H
I
I
J
J

20 rows in set (0.00 sec)

**12. Make a Cartesian product between salesman and customer i.e. each salesman will appear for all customers and vice versa.**

**CODE:**

```
SELECT S.NAME AS SALESMAN_NAME, C.CUST_NAME FROM SALESMAN_21BRS1629 S,
CUSTOMER_21BRS1629 C;
```

**OUTPUT:**

```
mysql> SELECT S.NAME AS SALESMAN_NAME, C.CUST_NAME FROM SALESMAN_21BRS1629 S, CUSTOMER_21BRS1629 C;
```

SALESMAN_NAME	CUST_NAME
J	Rahul
I	Rahul
H	Rahul
G	Rahul
F	Rahul
E	Rahul
D	Rahul
C	Rahul
B	Rahul
A	Rahul
J	Priya
I	Priya
H	Priya
G	Priya
F	Priya
E	Priya
D	Priya
C	Priya
A	Priya
J	Amit
I	Amit
H	Amit
G	Amit
F	Amit
E	Amit
D	Amit
C	Amit
B	Amit
A	Amit
J	Anjali
I	Anjali
H	Anjali
G	Anjali
F	Anjali
E	Anjali
C	Anjali
B	Anjali
A	Anjali
J	Rohit
I	Rohit
H	Rohit
G	Rohit
F	Rohit

E	Amit	C	Vivek
D	Amit	B	Vivek
C	Amit	A	Vivek
B	Amit	J	Sakshi
A	Amit	I	Sakshi
J	Anjali	H	Sakshi
I	Anjali	G	Sakshi
H	Anjali	F	Sakshi
G	Anjali	E	Sakshi
F	Anjali	D	Sakshi
E	Anjali	C	Sakshi
D	Anjali	B	Sakshi
C	Anjali	A	Sakshi
B	Anjali	J	Ravi
A	Anjali	I	Ravi
J	Rohit	H	Ravi
I	Rohit	G	Ravi
H	Rohit	F	Ravi
G	Rohit	E	Ravi
F	Rohit	D	Ravi
E	Rohit	C	Ravi
D	Rohit	B	Ravi
C	Rohit	A	Ravi
B	Rohit	J	Anita
A	Rohit	I	Anita
J	Sneha	H	Anita
I	Sneha	G	Anita
H	Sneha	F	Anita
G	Sneha	E	Anita
F	Sneha	D	Anita
E	Sneha	C	Anita
D	Sneha	B	Anita
C	Sneha	A	Anita
B	Sneha	J	Aryan
A	Sneha	I	Aryan
J	Vikram	H	Aryan
I	Vikram	G	Aryan
H	Vikram	F	Aryan
G	Vikram	E	Aryan
F	Vikram	D	Aryan
E	Vikram	C	Aryan
D	Vikram	B	Aryan
C	Vikram	A	Aryan
B	Vikram	J	Sarika
A	Vikram	I	Sarika
J	Neha	H	Sarika
I	Neha	G	Sarika
H	Neha	F	Sarika
G	Neha	E	Sarika
F	Neha	D	Sarika
E	Neha	C	Sarika
D	Neha	B	Sarika
		A	Sarika

180 rows in set (0.00 sec)