



VIT[®]

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COURSE TITLE: DATABASE SYSTEMS LAB
COURSE CODE: BCSE302P

EXPERIMENT NO: 6
SQL JOINS

NAME: PRIKSHIT
REGISTER NO: 21BRS1594
SLOT: L21+L22
CLASS NUMBER: CH2022232501096
DATE: 15-APRIL, 2023
FACULTY NAME: L. JANI ANBARASI

Create three tables: salesman, customer and orders.

- SALESMAN(SALESMAN_ID, NAME, CITY, COMMISSION)

CODE:

```
CREATE TABLE SALESMAN_21BRS1594(SALESMAN_ID INT PRIMARY KEY, NAME VARCHAR(15), CITY VARCHAR(15), COMMISSION INT);
```

```
[mysql> SELECT * FROM SALESMAN_21BRS1594;
```

SALESMAN_ID	NAME	CITY	COMMISSION
1	A	DELHI	5
2	B	CHANDIGARH	10
3	C	CHENNAI	15
4	D	PUNE	20
5	E	AHMEDABAD	25
6	F	NASIK	30
7	G	BENGALURU	45
8	H	DELHI	55
9	I	CHENNAI	47
10	J	CHENNAI	69

```
10 rows in set (0.01 sec)
```

- CUSTOMER(CUSTOMER_ID, CUST_NAME, CITY, GRADE, SALESMAN_ID)

CODE:

```
CREATE TABLE CUSTOMER_21BRS1594(CUSTOMER_ID INT PRIMARY KEY, CUST_NAME VARCHAR(15), CITY VARCHAR(15), GRADE INT, SALESMAN_ID INT, FOREIGN KEY (SALESMAN_ID) REFERENCES SALESMAN_21BRS1594(SALESMAN_ID));
```

```
[mysql> SELECT * FROM CUSTOMER_21BRS1594;
```

CUSTOMER_ID	CUST_NAME	CITY	GRADE	SALESMAN_ID
11	AMAN	VELLORE	1000	1
12	AMIT	VARANASI	950	1
13	BHAVYA	BHOPAL	900	2
14	BHAVNA	CHENNAI	900	NULL
15	CHETANYA	PATNA	800	3
16	CHIRAG	CHANDIGARH	810	3
17	DIVYAM	PANJIM	700	4
18	DHRUV	CHENNAI	600	NULL
19	FIROJ	DELHI	100	5
20	FALGUNI	DELHI	60	6
21	GAUTAM	CHANDIGARH	120	NULL
22	GEHENA	DEHRADUN	70	NULL
23	ISHA	CHENNAI	190	7
24	JASHANPREET	PUNE	400	8
25	KESHAV	BHOPAL	470	9
26	KAMINI	PANCHKULA	440	9
27	PRATHAM	NASIK	190	10
28	KASHISH	GURUGRAM	420	10

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

- ORDERS(ORDER_NO, ORDER_AMT, ORDER_DATE, CUST_ID, SALESMAN_ID)

CODE:

```
CREATE TABLE ORDER_21BRS1594(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_21BRS1594 (SALESMAN_ID) ,FOREIGN KEY(CUST_ID) REFERENCES
CUSTOMER_21BRS1594(CUSTOMER_ID));
```

```
[mysql> SELECT * FROM ORDER_21BRS1594;
```

ORDER_NO	ORDER_AMT	ORDER_DATE	CUST_ID	SALESMAN_ID
111	1000.00	2010-06-23	11	1
112	1090.00	2010-06-23	11	1
113	3000.00	2010-06-23	12	1
114	1099.00	2010-06-23	12	1
115	1100.00	2010-06-23	13	2
116	90.00	2010-06-23	13	2
117	3500.00	2010-06-23	14	NULL
118	1099.00	2010-06-23	14	NULL
119	1500.00	2010-06-23	15	3
120	909.00	2010-06-23	15	3
121	350.00	2011-06-23	16	3
122	10999.00	2011-06-23	16	3
123	15000.00	2011-06-23	17	4
124	9009.00	2011-06-23	18	NULL
125	3509.00	2011-06-23	19	5
126	8999.00	2011-06-23	20	6
127	1000.00	2011-06-23	21	NULL
128	9999.00	2011-06-23	22	NULL
129	3999.00	2011-06-23	23	7
130	8989.00	2011-06-23	24	8
131	5000.00	2011-06-23	25	9
132	5999.00	2011-06-23	26	9
133	7999.00	2011-06-23	27	10
134	989.00	2011-06-23	28	10

```
24 rows in set (0.01 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_21BRS1594 S JOIN CUSTOMER_21BRS1594 C ON S.CITY =  
C.CITY;
```

OUTPUT:

```
[mysql> SELECT S.NAME AS SALESMAN_NAME, C.CUST_NAME AS CUSTOMER_NAME, S.CITY FROM SALESMAN_21BRS1594 S JOIN CUSTOMER_21BRS1594 C ON S.CITY = C.CITY;
```

SALESMAN_NAME	CUSTOMER_NAME	CITY
J	BHAVNA	CHENNAI
I	BHAVNA	CHENNAI
C	BHAVNA	CHENNAI
B	CHIRAG	CHANDIGARH
J	DHRUV	CHENNAI
I	DHRUV	CHENNAI
C	DHRUV	CHENNAI
H	FIROJ	DELHI
A	FIROJ	DELHI
H	FALGUNI	DELHI
A	FALGUNI	DELHI
B	GAUTAM	CHANDIGARH
J	ISHA	CHENNAI
I	ISHA	CHENNAI
C	ISHA	CHENNAI
D	JASHANPREET	PUNE
F	PRATHAM	NASIK

```
17 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_21BRS1594 O JOIN CUSTOMER_21BRS1594 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_21BRS1594 O JOIN CUSTOMER_21BRS1594 C ON O.CUST_ID = C.CUSTOMER_ID WHERE O.ORDER_AMT BETWEEN 500 AND 2000;
```

ORDER_NO	ORDER_AMT	CUST_NAME	CITY
111	1000.00	AMAN	VELLORE
112	1090.00	AMAN	VELLORE
114	1099.00	AMIT	VARANASI
115	1100.00	BHAVYA	BHOPAL
118	1099.00	BHAVNA	CHENNAI
119	1500.00	CHETANYA	PATNA
120	989.00	CHETANYA	PATNA
127	1000.00	GAUTAM	CHANDIGARH
134	989.00	KASHISH	GURUGRAM

```
9 rows in set (0.01 sec)
```

3. Know which salesman is working for which customer.

CODE:

```
SELECT S.NAME, C.CUST_NAME FROM SALESMAN_21BRS1594 S JOIN  
CUSTOMER_21BRS1594 C ON S.SALESMAN_ID = C.SALESMAN_ID;
```

OUTPUT:

```
[mysql]> SELECT S.NAME, C.CUST_NAME FROM SALESMAN_21BRS1594 S JOIN CUSTOMER_21BRS1594 C ON S.SALESMAN_ID = C.SALESMAN_ID;  
+-----+-----+  
| NAME | CUST_NAME |  
+-----+-----+  
| A    | AMAN      |  
| A    | AMIT      |  
| B    | BHAVYA    |  
| C    | CHETANYA  |  
| C    | CHIRAG    |  
| D    | DIVYAM    |  
| E    | FIROJ     |  
| F    | FALGUNI   |  
| G    | ISHA      |  
| H    | JASHANPREET |  
| I    | KESHAV    |  
| I    | KAMINI    |  
| J    | PRATHAM   |  
| J    | KASHISH   |  
+-----+-----+  
14 rows in set (0.01 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_21BRS1594 C JOIN SALESMAN  
_21BRS1594 S ON C.SALESMAN_ID = S.SALESMAN_ID WHERE S.COMMISSION > 12;
```

OUTPUT:

```
mysql> SELECT C.CUST_NAME FROM CUSTOMER_21BRS1594 C JOIN SALESMAN_21BRS1594 S ON C.SALESMAN_ID = S.SALESMAN_ID WHERE S.COMMISSION > 12;  
+-----+  
| CUST_NAME |  
+-----+  
| CHETANYA  |  
| CHIRAG    |  
| DIVYAM    |  
| FIROJ     |  
| FALGUNI   |  
| ISHA      |  
| JASHANPREET |  
| KESHAV    |  
| KAMINI    |  
| PRATHAM   |  
| KASHISH   |  
+-----+  
11 rows in set (0.01 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_21BRS1594 C JOIN
SALESMAN_21BRS1594 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_21BRS1594 C JOIN SALESMAN_21BRS1594 S ON
C.SALESMAN_ID = S.SALESMAN_ID WHERE S.CITY != C.CITY AND S.COMMISSION > 12;
+-----+
| CUST_NAME |
+-----+
| CHETANYA  |
| CHIRAG    |
| DIVYAM    |
| FIROJ     |
| FALGUNI   |
| ISHA      |
| JASHANPREET |
| KESHAV    |
| KAMINI    |
| PRATHAM   |
| KASHISH   |
+-----+
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_21BRS1594 O JOIN
CUSTOMER_21BRS1594 C ON O.CUST_ID = C.CUSTOMER_ID JOIN SALESMAN_21BRS1594 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_21BRS1594 O JOIN CUSTOMER_21BRS1594 C ON O.CUST_ID = C.CUSTOMER_ID JOIN SALESMAN_21BRS1594 S ON O.SALESMAN_ID = S.SALESMAN_ID;
+-----+-----+-----+-----+-----+-----+
| ORDER_NO | ORDER_DATE | ORDER_AMT | CUSTOMER_NAME | SALESMAN_NAME | COMMISSION |
+-----+-----+-----+-----+-----+-----+
| 111 | 2010-06-23 | 1000.00 | AMAN | A | 5 |
| 112 | 2010-06-23 | 1090.00 | AMAN | A | 5 |
| 113 | 2010-06-23 | 3000.00 | AMIT | A | 5 |
| 114 | 2010-06-23 | 1099.00 | AMIT | A | 5 |
| 115 | 2010-06-23 | 1100.00 | BHAVYA | B | 10 |
| 116 | 2010-06-23 | 90.00 | BHAVYA | B | 10 |
| 119 | 2010-06-23 | 1500.00 | CHETANYA | C | 15 |
| 120 | 2010-06-23 | 909.00 | CHETANYA | C | 15 |
| 121 | 2011-06-23 | 350.00 | CHIRAG | C | 15 |
| 122 | 2011-06-23 | 10999.00 | CHIRAG | C | 15 |
| 123 | 2011-06-23 | 15000.00 | DIVYAM | D | 20 |
| 125 | 2011-06-23 | 3509.00 | FIROJ | E | 25 |
| 126 | 2011-06-23 | 8999.00 | FALGUNI | F | 30 |
| 129 | 2011-06-23 | 3999.00 | ISHA | G | 45 |
| 130 | 2011-06-23 | 8989.00 | JASHANPREET | H | 55 |
| 131 | 2011-06-23 | 5000.00 | KESHAV | I | 47 |
| 132 | 2011-06-23 | 5999.00 | KAMINI | I | 47 |
| 133 | 2011-06-23 | 7999.00 | PRATHAM | J | 69 |
| 134 | 2011-06-23 | 989.00 | KASHISH | J | 69 |
+-----+-----+-----+-----+-----+-----+
19 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_21BRS1594 S JOIN
CUSTOMER_21BRS1594 C ON S.SALESMAN_ID = C.SALESMAN_ID JOIN ORDER_21BRS1594 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_21BRS1594 S JOIN CUSTOMER_21BRS1594 C ON S.SALESMAN_ID = C.SALESMAN_ID JOIN ORDER_21BRS1594 O ON C.CUSTOMER_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	AMAN	VELLORE	1000	111	1000.00	2010-06-23
1	A	DELHI	5	11	AMAN	VELLORE	1000	112	1090.00	2010-06-23
1	A	DELHI	5	12	AMIT	VARANASI	950	113	3000.00	2010-06-23
1	A	DELHI	5	12	AMIT	VARANASI	950	114	1099.00	2010-06-23
2	B	CHANDIGARH	10	13	BHAVYA	BHOPAL	900	115	1100.00	2010-06-23
2	B	CHANDIGARH	10	13	BHAVYA	BHOPAL	900	116	90.00	2010-06-23
3	C	CHENNAI	15	15	CHETANYA	PATNA	800	119	1500.00	2010-06-23
3	C	CHENNAI	15	15	CHETANYA	PATNA	800	120	909.00	2010-06-23
3	C	CHENNAI	15	16	CHIRAG	CHANDIGARH	810	121	350.00	2011-06-23
3	C	CHENNAI	15	16	CHIRAG	CHANDIGARH	810	122	10999.00	2011-06-23
4	D	PUNE	20	17	DIVYAM	PANJIM	700	123	15000.00	2011-06-23
5	E	AHMEDABAD	25	19	FIROJ	DELHI	100	125	3509.00	2011-06-23
6	F	NASIK	30	20	FALGUNI	DELHI	60	126	8999.00	2011-06-23
7	G	BENGALURU	45	23	ISHA	CHENNAI	190	129	3999.00	2011-06-23
8	H	DELHI	55	24	JASHANPREET	PUNE	400	130	8989.00	2011-06-23
9	I	CHENNAI	47	25	KESHAV	BHOPAL	470	131	5000.00	2011-06-23
9	I	CHENNAI	47	26	KAMINI	PANCHKULA	440	132	5999.00	2011-06-23
10	J	CHENNAI	69	27	PRATHAM	NASIK	190	133	7999.00	2011-06-23
10	J	CHENNAI	69	28	KASHISH	GURUGRAM	420	134	989.00	2011-06-23

19 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_21BRS1594 C LEFT JOIN SALESMAN_21BRS1594 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_21BRS1594 C LEFT JOIN SALESMAN_21BRS1594 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;
```

CUST_NAME
AMAN
AMIT
BHAVNA
BHAVYA
CHETANYA
CHIRAG
DHRUV
DIVYAM
FALGUNI
FIROJ
GAUTAM
GEHENA
ISHA
JASHANPREET
KAMINI
KASHISH
KESHAV
PRATHAM

18 rows in set (0.01 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_21BRS1594 C LEFT JOIN SALESMAN_21BRS1594 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_21BRS1594 C LEFT JOIN SALESMAN_21BRS1594 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 |
+-----+
| FALGUNI   |
| FIROJ     |
| GAUTAM    |
| GEHENA    |
| ISHA      |
| PRATHAM   |
+-----+
6 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_21BRS1594 S LEFT JOIN CUSTOMER_21BRS1594 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_21BRS1594 S LEFT JOIN CUSTOMER_21BRS1594 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              |
| 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_21BRS1594 S LEFT JOIN  
CUSTOMER_21BRS1594 C ON S.SALESMAN_ID = C.SALESMAN_ID LEFT JOIN ORDER_21BRS1594  
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_21BRS1594 S LEFT JOIN CUSTOMER_21BRS1594 C ON S.SALESMAN_ID = C.SALESMAN_ID LEFT JOIN ORDER_21BRS1594 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
D
E
F
G
H
I
I
J
J

19 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_21BRS1594 S,  
CUSTOMER_21BRS1594 C;
```

OUTPUT:

```
mysql> SELECT S.NAME AS SALESMAN_NAME, C.CUST_NAME FROM SALESMAN_21BRS1594 S, CUSTOMER_21BRS1594 C;
```

SALESMAN_NAME	CUST_NAME
J	AMAN
I	AMAN
H	AMAN
G	AMAN
F	AMAN
E	AMAN
D	AMAN
C	AMAN
B	AMAN
A	AMAN
J	AMIT
I	AMIT
H	AMIT
G	AMIT
F	AMIT
E	AMIT
D	AMIT
C	AMIT
B	AMIT
A	AMIT
J	BHAVYA
I	BHAVYA
H	BHAVYA
G	BHAVYA
F	BHAVYA
E	BHAVYA
D	BHAVYA
C	BHAVYA
B	BHAVYA
A	BHAVYA
J	BHAVNA
I	BHAVNA
H	BHAVNA
G	BHAVNA
F	BHAVNA
E	BHAVNA
D	BHAVNA
C	BHAVNA
B	BHAVNA
A	BHAVNA
J	CHETANYA
I	CHETANYA
H	CHETANYA
G	CHETANYA
F	CHETANYA
E	CHETANYA
D	CHETANYA
C	CHETANYA
B	CHETANYA
A	CHETANYA
J	CHIRAG
I	CHIRAG
H	CHIRAG
G	CHIRAG
F	CHIRAG
E	CHIRAG
D	CHIRAG
C	CHIRAG
B	CHIRAG
A	CHIRAG
J	DIVYAM
I	DIVYAM
H	DIVYAM
G	DIVYAM
F	DIVYAM
E	DIVYAM
D	DIVYAM
C	DIVYAM
B	DIVYAM
A	DIVYAM

J	DHRUV
I	DHRUV
H	DHRUV
G	DHRUV
F	DHRUV
E	DHRUV
D	DHRUV
C	DHRUV
B	DHRUV
A	DHRUV
J	FIROJ
I	FIROJ
H	FIROJ
G	FIROJ
F	FIROJ
E	FIROJ
D	FIROJ
C	FIROJ
B	FIROJ
A	FIROJ
J	FALGUNI
I	FALGUNI
H	FALGUNI
G	FALGUNI
F	FALGUNI
E	FALGUNI
D	FALGUNI
C	FALGUNI
B	FALGUNI
A	FALGUNI
J	GAUTAM
I	GAUTAM
H	GAUTAM
G	GAUTAM
F	GAUTAM
E	GAUTAM
D	GAUTAM
C	GAUTAM
B	GAUTAM
A	GAUTAM
J	GEHENA
I	GEHENA
H	GEHENA
G	GEHENA
F	GEHENA
E	GEHENA
D	GEHENA
C	GEHENA
B	GEHENA
A	GEHENA
J	ISHA
I	ISHA
H	ISHA
G	ISHA
F	ISHA
E	ISHA
D	ISHA
C	ISHA
B	ISHA
A	ISHA

J	JASHANPREET
I	JASHANPREET
H	JASHANPREET
G	JASHANPREET
F	JASHANPREET
E	JASHANPREET
D	JASHANPREET
C	JASHANPREET
B	JASHANPREET
A	JASHANPREET
J	KESHAV
I	KESHAV
H	KESHAV
G	KESHAV
F	KESHAV
E	KESHAV
D	KESHAV
C	KESHAV
B	KESHAV
A	KESHAV
J	KAMINI
I	KAMINI
H	KAMINI
G	KAMINI
F	KAMINI
E	KAMINI
D	KAMINI
C	KAMINI
B	KAMINI
A	KAMINI
J	PRATHAM
I	PRATHAM
H	PRATHAM
G	PRATHAM
F	PRATHAM
E	PRATHAM
D	PRATHAM
C	PRATHAM
B	PRATHAM
A	PRATHAM
J	KASHISH
I	KASHISH
H	KASHISH
G	KASHISH
F	KASHISH
E	KASHISH
D	KASHISH
C	KASHISH
B	KASHISH
A	KASHISH

180 rows in set (0.01 sec)