Last login: Sat Oct 5 08:23:03 on ttys000

rohitsingh@Rohits-MacBook-Air ~ % mysql -u root -p

Enter password:

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 11

Server version: 9.0.1 MySQL Community Server - GPL

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> use my\_db;

Reading table information for completion of table and column names

You can turn off this feature to get a quicker startup with -A

Database changed

mysql> show tables;

+-----------------+

| Tables\_in\_my\_db |

+-----------------+

| category\_header |

| fleet\_header |

| place\_header |

| route\_detail |

| route\_header |

| ticket\_detail |

| ticket\_header |

+-----------------+

7 rows in set (0.00 sec)

mysql> select

->

->

-> ;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '' at line 1

mysql> select \* from

-> \*;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '\*' at line 2

mysql> select \* from \*;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '\*' at line 1

mysql> claer

-> ;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'claer' at line 1

mysql> select \* from category\_header;

+----------+-------------+

| cat\_code | cat\_desc |

+----------+-------------+

| 1 | super delux |

| 2 | delux |

| 3 | super fast |

| 4 | normal |

+----------+-------------+

4 rows in set (0.00 sec)

mysql> select \* from fleet\_header;

+----------+------------+----------+----------+

| fleet\_id | day | route\_id | cat\_code |

+----------+------------+----------+----------+

| 1 | 1996-04-10 | 101 | 1 |

| 2 | 1996-04-10 | 101 | 1 |

| 3 | 1996-04-10 | 101 | 1 |

| 4 | 1996-04-10 | 102 | 2 |

| 5 | 1996-04-10 | 102 | 3 |

| 6 | 1996-04-10 | 103 | 4 |

+----------+------------+----------+----------+

6 rows in set (0.00 sec)

mysql> select \* from route\_header;

+----------+----------+----------+-----------+-------------+-------+----------+----------+

| route\_id | route\_no | cat\_code | origin | destination | fare | distance | capacity |

+----------+----------+----------+-----------+-------------+-------+----------+----------+

| 101 | 33 | 1 | Madurai | Madras | 35.00 | 205 | 50 |

| 102 | 25 | 2 | Trichy | Madurai | 40.00 | 159 | 50 |

| 103 | 15 | 3 | Thanjavur | Madurai | 59.00 | 140 | 50 |

| 104 | 36 | 4 | Madras | Banglore | 79.00 | 375 | 50 |

| 105 | 40 | 1 | Banglore | Madras | 80.00 | 375 | 50 |

| 106 | 38 | 2 | Madras | Madurai | 39.00 | 250 | 50 |

| 107 | 39 | 3 | Hydrabad | Madras | 50.00 | 430 | 50 |

| 108 | 41 | 4 | Madras | Cochin | 47.00 | 576 | 50 |

+----------+----------+----------+-----------+-------------+-------+----------+----------+

8 rows in set (0.00 sec)

mysql> select \* from route\_header order by distance desc;

+----------+----------+----------+-----------+-------------+-------+----------+----------+

| route\_id | route\_no | cat\_code | origin | destination | fare | distance | capacity |

+----------+----------+----------+-----------+-------------+-------+----------+----------+

| 108 | 41 | 4 | Madras | Cochin | 47.00 | 576 | 50 |

| 107 | 39 | 3 | Hydrabad | Madras | 50.00 | 430 | 50 |

| 104 | 36 | 4 | Madras | Banglore | 79.00 | 375 | 50 |

| 105 | 40 | 1 | Banglore | Madras | 80.00 | 375 | 50 |

| 106 | 38 | 2 | Madras | Madurai | 39.00 | 250 | 50 |

| 101 | 33 | 1 | Madurai | Madras | 35.00 | 205 | 50 |

| 102 | 25 | 2 | Trichy | Madurai | 40.00 | 159 | 50 |

| 103 | 15 | 3 | Thanjavur | Madurai | 59.00 | 140 | 50 |

+----------+----------+----------+-----------+-------------+-------+----------+----------+

8 rows in set (0.00 sec)

mysql> select \* form route\_detaiols;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'form route\_detaiols' at line 1

mysql> select \* form route\_detail;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'form route\_detail' at line 1

mysql> select \* form route\_details;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'form route\_details' at line 1

mysql> select \* form route\_detail;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'form route\_detail' at line 1

mysql> select \* form route\_detail;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'form route\_detail' at line 1

mysql> select \* from route\_detail;

+----------+----------+---------+

| route\_id | place\_id | nonstop |

+----------+----------+---------+

| 105 | 1 | N |

| 12 | 2 | S |

| 106 | 1 | S |

| 108 | 5 | N |

| 106 | 2 | N |

+----------+----------+---------+

5 rows in set (0.00 sec)

mysql> elect rh.\* form route\_header rh join category\_header ch on rh.cate\_code = ch.cate\_code where ch.cate\_desc ="dukex"

-> ;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'elect rh.\* form route\_header rh join category\_header ch on rh.cate\_code = ch.cat' at line 1

mysql> Select rh.\* form route\_header rh join category\_header ch on rh.cate\_code = ch.cate\_code where ch.cate\_desc ="dukex"

-> select \* from ticket\_header;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'form route\_header rh join category\_header ch on rh.cate\_code = ch.cate\_code wher' at line 1

mysql> select \* from ticket\_header;

+----------+-----------+------------+------------+-------------+-------------+-----------+-------------+-------+----------+------------+----------+

| fleet\_id | ticket\_no | doi | dot | time\_travel | board\_place | origin | destination | adult | children | total\_fare | route\_id |

+----------+-----------+------------+------------+-------------+-------------+-----------+-------------+-------+----------+------------+----------+

| 1 | 1 | 1996-04-10 | 1996-05-10 | 15:00:00 | Parrys | Madras | Madurai | 1 | 1 | 60.00 | 101 |

| 2 | 2 | 1996-04-12 | 1996-05-05 | 09:00:00 | Kknagar | Madurai | Madras | 2 | 1 | 60.00 | 102 |

| 3 | 3 | 1996-04-21 | 1996-05-15 | 21:00:00 | Cubbon park | Bangalore | Madras | 4 | 2 | 400.00 | 101 |

+----------+-----------+------------+------------+-------------+-------------+-----------+-------------+-------+----------+------------+----------+

3 rows in set (0.00 sec)

mysql> select \* from ticket\_detail

-> ;

+-----------+---------+------+------+-------+

| ticket\_no | name | sex | age | fare |

+-----------+---------+------+------+-------+

| 1 | Charu | F | 24 | 14.06 |

| 1 | Lathu | F | 10 | 15.55 |

| 2 | Anand | M | 28 | 17.80 |

| 2 | Guatham | M | 28 | 16.00 |

| 2 | Bala | M | 9 | 17.65 |

| 5 | Sandip | M | 30 | 18.00 |

+-----------+---------+------+------+-------+

6 rows in set (0.00 sec)

mysql> select th.\*

-> from ticket\_header th

-> join ticket\_detail

-> on th.ticket\_no = ticket\_detail.ticket\_no

-> where ticket\_detail.name = 'charu';

+----------+-----------+------------+------------+-------------+-------------+--------+-------------+-------+----------+------------+----------+

| fleet\_id | ticket\_no | doi | dot | time\_travel | board\_place | origin | destination | adult | children | total\_fare | route\_id |

+----------+-----------+------------+------------+-------------+-------------+--------+-------------+-------+----------+------------+----------+

| 1 | 1 | 1996-04-10 | 1996-05-10 | 15:00:00 | Parrys | Madras | Madurai | 1 | 1 | 60.00 | 101 |

+----------+-----------+------------+------------+-------------+-------------+--------+-------------+-------+----------+------------+----------+

1 row in set (0.01 sec)

mysql> select \*

-> from ticket\_header

-> where ticket\_no =

-> (

-> select ticket\_no

-> from ticket\_detail

-> where name = 'charu');

+----------+-----------+------------+------------+-------------+-------------+--------+-------------+-------+----------+------------+----------+

| fleet\_id | ticket\_no | doi | dot | time\_travel | board\_place | origin | destination | adult | children | total\_fare | route\_id |

+----------+-----------+------------+------------+-------------+-------------+--------+-------------+-------+----------+------------+----------+

| 1 | 1 | 1996-04-10 | 1996-05-10 | 15:00:00 | Parrys | Madras | Madurai | 1 | 1 | 60.00 | 101 |

+----------+-----------+------------+------------+-------------+-------------+--------+-------------+-------+----------+------------+----------+

1 row in set (0.01 sec)

mysql> select \* from place\_header;

+----------+------------+----------------------+-------------+

| place\_id | place\_name | place\_address | bus\_station |

+----------+------------+----------------------+-------------+

| 1 | Madras | 10, ptc road | Parrys |

| 2 | Madurai | 21, canal bank road | Kknagar |

| 3 | Trichy | 11, first cross road | Bheltown |

| 4 | Banglore | 15, first main road | Cubbon park |

| 5 | Hydrabad | 115, lake view road | Charminar |

| 6 | Thanjavur | 12, temple road | Railway jn |

+----------+------------+----------------------+-------------+

6 rows in set (0.01 sec)

mysql> select from route\_detail;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'from route\_detail' at line 1

mysql> select \* from route\_detail;

+----------+----------+---------+

| route\_id | place\_id | nonstop |

+----------+----------+---------+

| 105 | 1 | N |

| 12 | 2 | S |

| 106 | 1 | S |

| 108 | 5 | N |

| 106 | 2 | N |

+----------+----------+---------+

5 rows in set (0.00 sec)

mysql> select ph.\*

-> from place\_header ph

-> inner join route\_detail rd

-> on ph.place\_id = rd.place\_id

-> where rd.nonstop = 'n';

+----------+------------+---------------------+-------------+

| place\_id | place\_name | place\_address | bus\_station |

+----------+------------+---------------------+-------------+

| 1 | Madras | 10, ptc road | Parrys |

| 5 | Hydrabad | 115, lake view road | Charminar |

| 2 | Madurai | 21, canal bank road | Kknagar |

+----------+------------+---------------------+-------------+

3 rows in set (0.01 sec)

mysql> select \* from place header where place\_id = (select place\_id from route\_detail where nonstop = 'n');

ERROR 1146 (42S02): Table 'my\_db.place' doesn't exist

mysql> select \* from place\_header where place\_id = (select place\_id from route\_detail where nonstop = 'n');

ERROR 1242 (21000): Subquery returns more than 1 row

mysql> select \* from place\_header where place\_id in(select place\_id from route\_detail where nonstop = 'n');

+----------+------------+---------------------+-------------+

| place\_id | place\_name | place\_address | bus\_station |

+----------+------------+---------------------+-------------+

| 1 | Madras | 10, ptc road | Parrys |

| 5 | Hydrabad | 115, lake view road | Charminar |

| 2 | Madurai | 21, canal bank road | Kknagar |

+----------+------------+---------------------+-------------+

3 rows in set (0.01 sec)

mysql> select \* from place\_header where place\_id exists(select place\_id from route\_detail where nonstop = 'n');

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'exists(select place\_id from route\_detail where nonstop = 'n')' at line 1

mysql> select \* from place\_header where place\_id exists (select place\_id from route\_detail where nonstop = 'n');

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'exists (select place\_id from route\_detail where nonstop = 'n')' at line 1

mysql> select \* from

-> route\_header rh

-> left join route\_detail rd

-> on rh.route\_id = rd.route\_id;

+----------+----------+----------+-----------+-------------+-------+----------+----------+----------+----------+---------+

| route\_id | route\_no | cat\_code | origin | destination | fare | distance | capacity | route\_id | place\_id | nonstop |

+----------+----------+----------+-----------+-------------+-------+----------+----------+----------+----------+---------+

| 101 | 33 | 1 | Madurai | Madras | 35.00 | 205 | 50 | NULL | NULL | NULL |

| 102 | 25 | 2 | Trichy | Madurai | 40.00 | 159 | 50 | NULL | NULL | NULL |

| 103 | 15 | 3 | Thanjavur | Madurai | 59.00 | 140 | 50 | NULL | NULL | NULL |

| 104 | 36 | 4 | Madras | Banglore | 79.00 | 375 | 50 | NULL | NULL | NULL |

| 105 | 40 | 1 | Banglore | Madras | 80.00 | 375 | 50 | 105 | 1 | N |

| 106 | 38 | 2 | Madras | Madurai | 39.00 | 250 | 50 | 106 | 1 | S |

| 106 | 38 | 2 | Madras | Madurai | 39.00 | 250 | 50 | 106 | 2 | N |

| 107 | 39 | 3 | Hydrabad | Madras | 50.00 | 430 | 50 | NULL | NULL | NULL |

| 108 | 41 | 4 | Madras | Cochin | 47.00 | 576 | 50 | 108 | 5 | N |

+----------+----------+----------+-----------+-------------+-------+----------+----------+----------+----------+---------+

9 rows in set (0.00 sec)

mysql> select route\_id

-> from route\_detail rd

-> inner join route\_header rh

-> on rd.route\_id = rh.route\_id;

ERROR 1052 (23000): Column 'route\_id' in field list is ambiguous

mysql> select rh.route\_id,rd.route\_id from route\_detail rd inner join route\_header rh on rd.route\_id = rh.route\_id;

+----------+----------+

| route\_id | route\_id |

+----------+----------+

| 105 | 105 |

| 106 | 106 |

| 106 | 106 |

| 108 | 108 |

+----------+----------+

4 rows in set (0.00 sec)

mysql> create table t1 (select \* from route\_detail);

Query OK, 5 rows affected (0.06 sec)

Records: 5 Duplicates: 0 Warnings: 0

mysql> select \* form t1;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'form t1' at line 1

mysql> select \* from t1;

+----------+----------+---------+

| route\_id | place\_id | nonstop |

+----------+----------+---------+

| 105 | 1 | N |

| 12 | 2 | S |

| 106 | 1 | S |

| 108 | 5 | N |

| 106 | 2 | N |

+----------+----------+---------+

5 rows in set (0.00 sec)

mysql> drop table t1;

Query OK, 0 rows affected (0.01 sec)

mysql> select \* from route\_header;

+----------+----------+----------+-----------+-------------+-------+----------+----------+

| route\_id | route\_no | cat\_code | origin | destination | fare | distance | capacity |

+----------+----------+----------+-----------+-------------+-------+----------+----------+

| 101 | 33 | 1 | Madurai | Madras | 35.00 | 205 | 50 |

| 102 | 25 | 2 | Trichy | Madurai | 40.00 | 159 | 50 |

| 103 | 15 | 3 | Thanjavur | Madurai | 59.00 | 140 | 50 |

| 104 | 36 | 4 | Madras | Banglore | 79.00 | 375 | 50 |

| 105 | 40 | 1 | Banglore | Madras | 80.00 | 375 | 50 |

| 106 | 38 | 2 | Madras | Madurai | 39.00 | 250 | 50 |

| 107 | 39 | 3 | Hydrabad | Madras | 50.00 | 430 | 50 |

| 108 | 41 | 4 | Madras | Cochin | 47.00 | 576 | 50 |

+----------+----------+----------+-----------+-------------+-------+----------+----------+

8 rows in set (0.00 sec)

mysql> select \* from ticket\_detail;

+-----------+---------+------+------+-------+

| ticket\_no | name | sex | age | fare |

+-----------+---------+------+------+-------+

| 1 | Charu | F | 24 | 14.06 |

| 1 | Lathu | F | 10 | 15.55 |

| 2 | Anand | M | 28 | 17.80 |

| 2 | Guatham | M | 28 | 16.00 |

| 2 | Bala | M | 9 | 17.65 |

| 5 | Sandip | M | 30 | 18.00 |

+-----------+---------+------+------+-------+

6 rows in set (0.00 sec)

mysql> select td.\* from ticket\_detail

-> td inner join route\_header rh

-> on td.;;;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '' at line 3

ERROR:

No query specified

ERROR:

No query specified

mysql> select from route\_detail;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'from route\_detail' at line 1

mysql> select \* from route\_detail;

+----------+----------+---------+

| route\_id | place\_id | nonstop |

+----------+----------+---------+

| 105 | 1 | N |

| 12 | 2 | S |

| 106 | 1 | S |

| 108 | 5 | N |

| 106 | 2 | N |

+----------+----------+---------+

5 rows in set (0.00 sec)

mysql> select \* from ticket\_header;

+----------+-----------+------------+------------+-------------+-------------+-----------+-------------+-------+----------+------------+----------+

| fleet\_id | ticket\_no | doi | dot | time\_travel | board\_place | origin | destination | adult | children | total\_fare | route\_id |

+----------+-----------+------------+------------+-------------+-------------+-----------+-------------+-------+----------+------------+----------+

| 1 | 1 | 1996-04-10 | 1996-05-10 | 15:00:00 | Parrys | Madras | Madurai | 1 | 1 | 60.00 | 101 |

| 2 | 2 | 1996-04-12 | 1996-05-05 | 09:00:00 | Kknagar | Madurai | Madras | 2 | 1 | 60.00 | 102 |

| 3 | 3 | 1996-04-21 | 1996-05-15 | 21:00:00 | Cubbon park | Bangalore | Madras | 4 | 2 | 400.00 | 101 |

+----------+-----------+------------+------------+-------------+-------------+-----------+-------------+-------+----------+------------+----------+

3 rows in set (0.00 sec)

mysql> select \* from ticket\_detail;

+-----------+---------+------+------+-------+

| ticket\_no | name | sex | age | fare |

+-----------+---------+------+------+-------+

| 1 | Charu | F | 24 | 14.06 |

| 1 | Lathu | F | 10 | 15.55 |

| 2 | Anand | M | 28 | 17.80 |

| 2 | Guatham | M | 28 | 16.00 |

| 2 | Bala | M | 9 | 17.65 |

| 5 | Sandip | M | 30 | 18.00 |

+-----------+---------+------+------+-------+

6 rows in set (0.00 sec)

mysql> select td.\* from ticket\_detail td

-> inner join ticket\_header th on

-> td.ticket\_no = th.ticket\_no

-> where th.origin = "Madras";

+-----------+-------+------+------+-------+

| ticket\_no | name | sex | age | fare |

+-----------+-------+------+------+-------+

| 1 | Charu | F | 24 | 14.06 |

| 1 | Lathu | F | 10 | 15.55 |

+-----------+-------+------+------+-------+

2 rows in set (0.00 sec)

mysql> select td.\* from ticket\_detail td

-> inner join ticket\_header th on

-> td.ticket\_no = th.ticket\_no

-> where th.origin = "Madurai" and th.destination = "madras" ;

+-----------+---------+------+------+-------+

| ticket\_no | name | sex | age | fare |

+-----------+---------+------+------+-------+

| 2 | Anand | M | 28 | 17.80 |

| 2 | Guatham | M | 28 | 16.00 |

| 2 | Bala | M | 9 | 17.65 |

+-----------+---------+------+------+-------+

3 rows in set (0.01 sec)

mysql> select \* from ticket\_detail where ticket\_no = (select ticket\_no from ticket\_header where origin = "madurai" and destination = "madras");

+-----------+---------+------+------+-------+

| ticket\_no | name | sex | age | fare |

+-----------+---------+------+------+-------+

| 2 | Anand | M | 28 | 17.80 |

| 2 | Guatham | M | 28 | 16.00 |

| 2 | Bala | M | 9 | 17.65 |

+-----------+---------+------+------+-------+

3 rows in set (0.00 sec)

mysql> select \* from fleet\_header;

+----------+------------+----------+----------+

| fleet\_id | day | route\_id | cat\_code |

+----------+------------+----------+----------+

| 1 | 1996-04-10 | 101 | 1 |

| 2 | 1996-04-10 | 101 | 1 |

| 3 | 1996-04-10 | 101 | 1 |

| 4 | 1996-04-10 | 102 | 2 |

| 5 | 1996-04-10 | 102 | 3 |

| 6 | 1996-04-10 | 103 | 4 |

+----------+------------+----------+----------+

6 rows in set (0.00 sec)

mysql> select \* from route\_detail;

+----------+----------+---------+

| route\_id | place\_id | nonstop |

+----------+----------+---------+

| 105 | 1 | N |

| 12 | 2 | S |

| 106 | 1 | S |

| 108 | 5 | N |

| 106 | 2 | N |

+----------+----------+---------+

5 rows in set (0.00 sec)

mysql> select fh.\* from fleet\_header

-> inner join route\_detail rd

-> on fh.route\_id = rd.route\_id

-> where rd.nonstop = "n"

-> ;

ERROR 1051 (42S02): Unknown table 'fh'

mysql> select fh.\* from fleet\_header fh

-> select fh.\* from fleet\_header

-> ^C

mysql> ^C

mysql> select fh.\* from fleet\_header fh

-> inner join route\_detail rd

-> on fh.route\_id = rd.route\_id

-> where rd.nonstop = "n"

-> ;

Empty set (0.00 sec)

mysql> insert into category\_header values (05, "fast");

Query OK, 1 row affected (0.00 sec)

mysql> select \* from category\_header;

+----------+-------------+

| cat\_code | cat\_desc |

+----------+-------------+

| 1 | super delux |

| 2 | delux |

| 3 | super fast |

| 4 | normal |

| 5 | fast |

+----------+-------------+

5 rows in set (0.00 sec)

mysql> select \* from ticket\_detail;

+-----------+---------+------+------+-------+

| ticket\_no | name | sex | age | fare |

+-----------+---------+------+------+-------+

| 1 | Charu | F | 24 | 14.06 |

| 1 | Lathu | F | 10 | 15.55 |

| 2 | Anand | M | 28 | 17.80 |

| 2 | Guatham | M | 28 | 16.00 |

| 2 | Bala | M | 9 | 17.65 |

| 5 | Sandip | M | 30 | 18.00 |

+-----------+---------+------+------+-------+

6 rows in set (0.00 sec)

mysql> select \* from route\_header;

+----------+----------+----------+-----------+-------------+-------+----------+----------+

| route\_id | route\_no | cat\_code | origin | destination | fare | distance | capacity |

+----------+----------+----------+-----------+-------------+-------+----------+----------+

| 101 | 33 | 1 | Madurai | Madras | 35.00 | 205 | 50 |

| 102 | 25 | 2 | Trichy | Madurai | 40.00 | 159 | 50 |

| 103 | 15 | 3 | Thanjavur | Madurai | 59.00 | 140 | 50 |

| 104 | 36 | 4 | Madras | Banglore | 79.00 | 375 | 50 |

| 105 | 40 | 1 | Banglore | Madras | 80.00 | 375 | 50 |

| 106 | 38 | 2 | Madras | Madurai | 39.00 | 250 | 50 |

| 107 | 39 | 3 | Hydrabad | Madras | 50.00 | 430 | 50 |

| 108 | 41 | 4 | Madras | Cochin | 47.00 | 576 | 50 |

+----------+----------+----------+-----------+-------------+-------+----------+----------+

8 rows in set (0.00 sec)

mysql> select \* from category\_header ch

-> left outer join on route\_header rh

-> ;;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'on route\_header rh' at line 2

ERROR:

No query specified

mysql>

mysql> select \* from category\_header ch

-> left outer join route\_header rh

-> on ch.cat\_code = rh.cat\_code;

+----------+-------------+----------+----------+----------+-----------+-------------+-------+----------+----------+

| cat\_code | cat\_desc | route\_id | route\_no | cat\_code | origin | destination | fare | distance | capacity |

+----------+-------------+----------+----------+----------+-----------+-------------+-------+----------+----------+

| 1 | super delux | 101 | 33 | 1 | Madurai | Madras | 35.00 | 205 | 50 |

| 1 | super delux | 105 | 40 | 1 | Banglore | Madras | 80.00 | 375 | 50 |

| 2 | delux | 102 | 25 | 2 | Trichy | Madurai | 40.00 | 159 | 50 |

| 2 | delux | 106 | 38 | 2 | Madras | Madurai | 39.00 | 250 | 50 |

| 3 | super fast | 103 | 15 | 3 | Thanjavur | Madurai | 59.00 | 140 | 50 |

| 3 | super fast | 107 | 39 | 3 | Hydrabad | Madras | 50.00 | 430 | 50 |

| 4 | normal | 104 | 36 | 4 | Madras | Banglore | 79.00 | 375 | 50 |

| 4 | normal | 108 | 41 | 4 | Madras | Cochin | 47.00 | 576 | 50 |

| 5 | fast | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

+----------+-------------+----------+----------+----------+-----------+-------------+-------+----------+----------+

9 rows in set (0.00 sec)

mysql> select \* from route\_header rh

-> right outer join category\_header ch

-> on rh.cat\_code = ch.cat\_code;

+----------+----------+----------+-----------+-------------+-------+----------+----------+----------+-------------+

| route\_id | route\_no | cat\_code | origin | destination | fare | distance | capacity | cat\_code | cat\_desc |

+----------+----------+----------+-----------+-------------+-------+----------+----------+----------+-------------+

| 101 | 33 | 1 | Madurai | Madras | 35.00 | 205 | 50 | 1 | super delux |

| 105 | 40 | 1 | Banglore | Madras | 80.00 | 375 | 50 | 1 | super delux |

| 102 | 25 | 2 | Trichy | Madurai | 40.00 | 159 | 50 | 2 | delux |

| 106 | 38 | 2 | Madras | Madurai | 39.00 | 250 | 50 | 2 | delux |

| 103 | 15 | 3 | Thanjavur | Madurai | 59.00 | 140 | 50 | 3 | super fast |

| 107 | 39 | 3 | Hydrabad | Madras | 50.00 | 430 | 50 | 3 | super fast |

| 104 | 36 | 4 | Madras | Banglore | 79.00 | 375 | 50 | 4 | normal |

| 108 | 41 | 4 | Madras | Cochin | 47.00 | 576 | 50 | 4 | normal |

| NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL | 5 | fast |

+----------+----------+----------+-----------+-------------+-------+----------+----------+----------+-------------+

9 rows in set (0.00 sec)

mysql> select \* from ticket\_header

-> ;

+----------+-----------+------------+------------+-------------+-------------+-----------+-------------+-------+----------+------------+----------+

| fleet\_id | ticket\_no | doi | dot | time\_travel | board\_place | origin | destination | adult | children | total\_fare | route\_id |

+----------+-----------+------------+------------+-------------+-------------+-----------+-------------+-------+----------+------------+----------+

| 1 | 1 | 1996-04-10 | 1996-05-10 | 15:00:00 | Parrys | Madras | Madurai | 1 | 1 | 60.00 | 101 |

| 2 | 2 | 1996-04-12 | 1996-05-05 | 09:00:00 | Kknagar | Madurai | Madras | 2 | 1 | 60.00 | 102 |

| 3 | 3 | 1996-04-21 | 1996-05-15 | 21:00:00 | Cubbon park | Bangalore | Madras | 4 | 2 | 400.00 | 101 |

+----------+-----------+------------+------------+-------------+-------------+-----------+-------------+-------+----------+------------+----------+

3 rows in set (0.00 sec)

mysql> select \* from ticket\_header

-> th1 inner join ticket\_header th2 on th1.origin = th2.destination;

+----------+-----------+------------+------------+-------------+-------------+---------+-------------+-------+----------+------------+----------+----------+-----------+------------+------------+-------------+-------------+-----------+-------------+-------+----------+------------+----------+

| fleet\_id | ticket\_no | doi | dot | time\_travel | board\_place | origin | destination | adult | children | total\_fare | route\_id | fleet\_id | ticket\_no | doi | dot | time\_travel | board\_place | origin | destination | adult | children | total\_fare | route\_id |

+----------+-----------+------------+------------+-------------+-------------+---------+-------------+-------+----------+------------+----------+----------+-----------+------------+------------+-------------+-------------+-----------+-------------+-------+----------+------------+----------+

| 2 | 2 | 1996-04-12 | 1996-05-05 | 09:00:00 | Kknagar | Madurai | Madras | 2 | 1 | 60.00 | 102 | 1 | 1 | 1996-04-10 | 1996-05-10 | 15:00:00 | Parrys | Madras | Madurai | 1 | 1 | 60.00 | 101 |

| 1 | 1 | 1996-04-10 | 1996-05-10 | 15:00:00 | Parrys | Madras | Madurai | 1 | 1 | 60.00 | 101 | 2 | 2 | 1996-04-12 | 1996-05-05 | 09:00:00 | Kknagar | Madurai | Madras | 2 | 1 | 60.00 | 102 |

| 1 | 1 | 1996-04-10 | 1996-05-10 | 15:00:00 | Parrys | Madras | Madurai | 1 | 1 | 60.00 | 101 | 3 | 3 | 1996-04-21 | 1996-05-15 | 21:00:00 | Cubbon park | Bangalore | Madras | 4 | 2 | 400.00 | 101 |

+----------+-----------+------------+------------+-------------+-------------+---------+-------------+-------+----------+------------+----------+----------+-----------+------------+------------+-------------+-------------+-----------+-------------+-------+----------+------------+----------+

3 rows in set (0.00 sec)

mysql> select th1. \* from ticket\_header th1 inner join ticket\_header th2 on th1.origin = th2.destination;

+----------+-----------+------------+------------+-------------+-------------+---------+-------------+-------+----------+------------+----------+

| fleet\_id | ticket\_no | doi | dot | time\_travel | board\_place | origin | destination | adult | children | total\_fare | route\_id |

+----------+-----------+------------+------------+-------------+-------------+---------+-------------+-------+----------+------------+----------+

| 2 | 2 | 1996-04-12 | 1996-05-05 | 09:00:00 | Kknagar | Madurai | Madras | 2 | 1 | 60.00 | 102 |

| 1 | 1 | 1996-04-10 | 1996-05-10 | 15:00:00 | Parrys | Madras | Madurai | 1 | 1 | 60.00 | 101 |

| 1 | 1 | 1996-04-10 | 1996-05-10 | 15:00:00 | Parrys | Madras | Madurai | 1 | 1 | 60.00 | 101 |

+----------+-----------+------------+------------+-------------+-------------+---------+-------------+-------+----------+------------+----------+

3 rows in set (0.00 sec)

mysql> select \* from ticket\_header;

+----------+-----------+------------+------------+-------------+-------------+-----------+-------------+-------+----------+------------+----------+

| fleet\_id | ticket\_no | doi | dot | time\_travel | board\_place | origin | destination | adult | children | total\_fare | route\_id |

+----------+-----------+------------+------------+-------------+-------------+-----------+-------------+-------+----------+------------+----------+

| 1 | 1 | 1996-04-10 | 1996-05-10 | 15:00:00 | Parrys | Madras | Madurai | 1 | 1 | 60.00 | 101 |

| 2 | 2 | 1996-04-12 | 1996-05-05 | 09:00:00 | Kknagar | Madurai | Madras | 2 | 1 | 60.00 | 102 |

| 3 | 3 | 1996-04-21 | 1996-05-15 | 21:00:00 | Cubbon park | Bangalore | Madras | 4 | 2 | 400.00 | 101 |

+----------+-----------+------------+------------+-------------+-------------+-----------+-------------+-------+----------+------------+----------+

3 rows in set (0.00 sec)

mysql> select \* from ticket\_header;

+----------+-----------+------------+------------+-------------+-------------+-----------+-------------+-------+----------+------------+----------+

| fleet\_id | ticket\_no | doi | dot | time\_travel | board\_place | origin | destination | adult | children | total\_fare | route\_id |

+----------+-----------+------------+------------+-------------+-------------+-----------+-------------+-------+----------+------------+----------+

| 1 | 1 | 1996-04-10 | 1996-05-10 | 15:00:00 | Parrys | Madras | Madurai | 1 | 1 | 60.00 | 101 |

| 2 | 2 | 1996-04-12 | 1996-05-05 | 09:00:00 | Kknagar | Madurai | Madras | 2 | 1 | 60.00 | 102 |

| 3 | 3 | 1996-04-21 | 1996-05-15 | 21:00:00 | Cubbon park | Bangalore | Madras | 4 | 2 | 400.00 | 101 |

+----------+-----------+------------+------------+-------------+-------------+-----------+-------------+-------+----------+------------+----------+

3 rows in set (0.01 sec)

mysql> select th1.\* from ticket\_header th inner join ticket\_header th2 on th1.origin = th2.destination;

ERROR 1051 (42S02): Unknown table 'th1'

mysql> select th1.\* from ticket\_header th1 inner join ticket\_header th2 on th1.origin = th2.destination;

+----------+-----------+------------+------------+-------------+-------------+---------+-------------+-------+----------+------------+----------+

| fleet\_id | ticket\_no | doi | dot | time\_travel | board\_place | origin | destination | adult | children | total\_fare | route\_id |

+----------+-----------+------------+------------+-------------+-------------+---------+-------------+-------+----------+------------+----------+

| 2 | 2 | 1996-04-12 | 1996-05-05 | 09:00:00 | Kknagar | Madurai | Madras | 2 | 1 | 60.00 | 102 |

| 1 | 1 | 1996-04-10 | 1996-05-10 | 15:00:00 | Parrys | Madras | Madurai | 1 | 1 | 60.00 | 101 |

| 1 | 1 | 1996-04-10 | 1996-05-10 | 15:00:00 | Parrys | Madras | Madurai | 1 | 1 | 60.00 | 101 |

+----------+-----------+------------+------------+-------------+-------------+---------+-------------+-------+----------+------------+----------+

3 rows in set (0.00 sec)

mysql> select \* from ticket\_header th where origin = (select destination from ticket\_header where origin = th.origin );

Empty set (0.00 sec)

mysql> select \* from ticket\_header th where origin = (select destination from ticket\_header where origin = th.destination );

+----------+-----------+------------+------------+-------------+-------------+---------+-------------+-------+----------+------------+----------+

| fleet\_id | ticket\_no | doi | dot | time\_travel | board\_place | origin | destination | adult | children | total\_fare | route\_id |

+----------+-----------+------------+------------+-------------+-------------+---------+-------------+-------+----------+------------+----------+

| 1 | 1 | 1996-04-10 | 1996-05-10 | 15:00:00 | Parrys | Madras | Madurai | 1 | 1 | 60.00 | 101 |

| 2 | 2 | 1996-04-12 | 1996-05-05 | 09:00:00 | Kknagar | Madurai | Madras | 2 | 1 | 60.00 | 102 |

+----------+-----------+------------+------------+-------------+-------------+---------+-------------+-------+----------+------------+----------+

2 rows in set (0.00 sec)

mysql> select \* from ticket header;

ERROR 1146 (42S02): Table 'my\_db.ticket' doesn't exist

mysql> select \* from ticket\_header;

+----------+-----------+------------+------------+-------------+-------------+-----------+-------------+-------+----------+------------+----------+

| fleet\_id | ticket\_no | doi | dot | time\_travel | board\_place | origin | destination | adult | children | total\_fare | route\_id |

+----------+-----------+------------+------------+-------------+-------------+-----------+-------------+-------+----------+------------+----------+

| 1 | 1 | 1996-04-10 | 1996-05-10 | 15:00:00 | Parrys | Madras | Madurai | 1 | 1 | 60.00 | 101 |

| 2 | 2 | 1996-04-12 | 1996-05-05 | 09:00:00 | Kknagar | Madurai | Madras | 2 | 1 | 60.00 | 102 |

| 3 | 3 | 1996-04-21 | 1996-05-15 | 21:00:00 | Cubbon park | Bangalore | Madras | 4 | 2 | 400.00 | 101 |

+----------+-----------+------------+------------+-------------+-------------+-----------+-------------+-------+----------+------------+----------+

3 rows in set (0.00 sec)

mysql> select sum(total\_fare) from ticket\_header;

+-----------------+

| sum(total\_fare) |

+-----------------+

| 520.00 |

+-----------------+

1 row in set (0.01 sec)

mysql> select \* from route\_header;

+----------+----------+----------+-----------+-------------+-------+----------+----------+

| route\_id | route\_no | cat\_code | origin | destination | fare | distance | capacity |

+----------+----------+----------+-----------+-------------+-------+----------+----------+

| 101 | 33 | 1 | Madurai | Madras | 35.00 | 205 | 50 |

| 102 | 25 | 2 | Trichy | Madurai | 40.00 | 159 | 50 |

| 103 | 15 | 3 | Thanjavur | Madurai | 59.00 | 140 | 50 |

| 104 | 36 | 4 | Madras | Banglore | 79.00 | 375 | 50 |

| 105 | 40 | 1 | Banglore | Madras | 80.00 | 375 | 50 |

| 106 | 38 | 2 | Madras | Madurai | 39.00 | 250 | 50 |

| 107 | 39 | 3 | Hydrabad | Madras | 50.00 | 430 | 50 |

| 108 | 41 | 4 | Madras | Cochin | 47.00 | 576 | 50 |

+----------+----------+----------+-----------+-------------+-------+----------+----------+

8 rows in set (0.00 sec)