Enter password: \*\*\*\*\*\*\*\*

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

Your MySQL connection id is 8

Server version: 8.0.36 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 anp;

Database changed

mysql> show tables;

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

| Tables\_in\_anp |

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

| course |

| demo |

| emp |

| enrollment |

| feedback |

| instructor |

| score |

| student |

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

8 rows in set (0.26 sec)

mysql> create table reate table Salesman(SalesmanID int,Name varchar(30),city varchar(20),commission int);

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 '(SalesmanID int,Name varchar(30),city varchar(20),commission int)' at line 1

mysql> Query OK, 0 rows affected (0.10 sec)

-> ;

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 'Query OK, 0 rows affected (0.10 sec)' at line 1

mysql> create table Salesman(SalesmanID int,Name varchar(30),city varchar(20),commission int);

Query OK, 0 rows affected (1.09 sec)

mysql> > insert into Salesman

-> values(2001,'Ram','Pune',5),(2002,'Seeta','Mumbai',3),(2003,'Amruta','Solapur',8),(2004,'Ashok','Nag

'> pur',7);

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 '> insert into Salesman

values(2001,'Ram','Pune',5),(2002,'Seeta','Mumbai',3),(2' at line 1

mysql> insert into Salesman

-> values(2001,'Ram','Pune',5),(2002,'Seeta','Mumbai',3),(2003,'Amruta','Solapur',8),(2004,'Ashok','Nag

'> pur',7);

Query OK, 4 rows affected (0.18 sec)

Records: 4 Duplicates: 0 Warnings: 0

mysql> create table Customer(custID int,Name varchar(30),city varchar(20),grade int,salesmanID int);

Query OK, 0 rows affected (0.78 sec)

mysql> insert into Customer

-> values(3001,'Akshay','Ahmednagar',300,2002),(3002,'Darshan','Pune',200,2001),(3003,'Pooja','Mum

'> bai',100,2003),(3004,'Sai','Amravati',400,2001),(3005,'Apurva','Aurangabad',200,2004);

Query OK, 5 rows affected (0.09 sec)

Records: 5 Duplicates: 0 Warnings: 0

mysql> SELECT \* FROM SALESMAN;

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

| SalesmanID | Name | city | commission |

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

| 2001 | Ram | Pune | 5 |

| 2002 | Seeta | Mumbai | 3 |

| 2003 | Amruta | Solapur | 8 |

| 2004 | Ashok | Nag

pur | 7 |

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

4 rows in set (0.00 sec)

mysql> SELECT \* FROM CUSTOMER;

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

| custID | Name | city | grade | salesmanID |

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

| 3001 | Akshay | Ahmednagar | 300 | 2002 |

| 3002 | Darshan | Pune | 200 | 2001 |

| 3003 | Pooja | Mum

bai | 100 | 2003 |

| 3004 | Sai | Amravati | 400 | 2001 |

| 3005 | Apurva | Aurangabad | 200 | 2004 |

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

5 rows in set (0.00 sec)

mysql> SELECT \* FROM CUSTOMER INNER JOIN SALESMAN ON SALESMAN.city=CUSTOMER.city;

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

| custID | Name | city | grade | salesmanID | SalesmanID | Name | city | commission |

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

| 3002 | Darshan | Pune | 200 | 2001 | 2001 | Ram | Pune | 5 |

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

1 row in set (0.03 sec)

mysql> SELECT \* FROM CUSTOMER INNER JOIN SALESMAN ON SALESMAN.salesmanID=CUSTOMER.salesmanID;

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

| custID | Name | city | grade | salesmanID | SalesmanID | Name | city | commission |

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

| 3001 | Akshay | Ahmednagar | 300 | 2002 | 2002 | Seeta | Mumbai | 3 |

| 3002 | Darshan | Pune | 200 | 2001 | 2001 | Ram | Pune | 5 |

| 3003 | Pooja | Mum

bai | 100 | 2003 | 2003 | Amruta | Solapur | 8 |

| 3004 | Sai | Amravati | 400 | 2001 | 2001 | Ram | Pune | 5 |

| 3005 | Apurva | Aurangabad | 200 | 2004 | 2004 | Ashok | Nag

pur | 7 |

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

5 rows in set (0.00 sec)

mysql> SELECT \* FROM CUSTOMER LEFT JOIN SALESMAN ON SALESMAN.salesmanID=CUSTOMER.salesmanID;

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

| custID | Name | city | grade | salesmanID | SalesmanID | Name | city | commission |

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

| 3001 | Akshay | Ahmednagar | 300 | 2002 | 2002 | Seeta | Mumbai | 3 |

| 3002 | Darshan | Pune | 200 | 2001 | 2001 | Ram | Pune | 5 |

| 3003 | Pooja | Mum

bai | 100 | 2003 | 2003 | Amruta | Solapur | 8 |

| 3004 | Sai | Amravati | 400 | 2001 | 2001 | Ram | Pune | 5 |

| 3005 | Apurva | Aurangabad | 200 | 2004 | 2004 | Ashok | Nag

pur | 7 |

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

5 rows in set (0.00 sec)

mysql> SELECT \* FROM CUSTOMER LEFT JOIN SALESMAN ON SALESMAN.city=CUSTOMER.city;

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

| custID | Name | city | grade | salesmanID | SalesmanID | Name | city | commission |

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

| 3001 | Akshay | Ahmednagar | 300 | 2002 | NULL | NULL | NULL | NULL |

| 3002 | Darshan | Pune | 200 | 2001 | 2001 | Ram | Pune | 5 |

| 3003 | Pooja | Mum

bai | 100 | 2003 | NULL | NULL | NULL | NULL |

| 3004 | Sai | Amravati | 400 | 2001 | NULL | NULL | NULL | NULL |

| 3005 | Apurva | Aurangabad | 200 | 2004 | NULL | NULL | NULL | NULL |

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

5 rows in set (0.00 sec)

mysql> SELECT \* FROM CUSTOMER RIGHT JOIN SALESMAN ON SALESMAN.city=CUSTOMER.city;

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

| custID | Name | city | grade | salesmanID | SalesmanID | Name | city | commission |

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

| 3002 | Darshan | Pune | 200 | 2001 | 2001 | Ram | Pune | 5 |

| NULL | NULL | NULL | NULL | NULL | 2002 | Seeta | Mumbai | 3 |

| NULL | NULL | NULL | NULL | NULL | 2003 | Amruta | Solapur | 8 |

| NULL | NULL | NULL | NULL | NULL | 2004 | Ashok | Nag

pur | 7 |

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

4 rows in set (0.00 sec)

mysql> SELECT \* FROM CUSTOMER RIGHT JOIN SALESMAN ON SALESMAN.salesmanID=CUSTOMER.salesmanID;

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

| custID | Name | city | grade | salesmanID | SalesmanID | Name | city | commission |

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

| 3004 | Sai | Amravati | 400 | 2001 | 2001 | Ram | Pune | 5 |

| 3002 | Darshan | Pune | 200 | 2001 | 2001 | Ram | Pune | 5 |

| 3001 | Akshay | Ahmednagar | 300 | 2002 | 2002 | Seeta | Mumbai | 3 |

| 3003 | Pooja | Mum

bai | 100 | 2003 | 2003 | Amruta | Solapur | 8 |

| 3005 | Apurva | Aurangabad | 200 | 2004 | 2004 | Ashok | Nag

pur | 7 |

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

5 rows in set (0.00 sec)

mysql> SELECT \* FROM CUSTOMER CROSS JOIN SALESMAN ON SALESMAN.city=CUSTOMER.city;

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

| custID | Name | city | grade | salesmanID | SalesmanID | Name | city | commission |

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

| 3002 | Darshan | Pune | 200 | 2001 | 2001 | Ram | Pune | 5 |

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

1 row in set (0.00 sec)

mysql> SELECT \* FROM CUSTOMER CROSS JOIN SALESMAN ON SALESMAN.salesmanID=CUSTOMER.salesmanID;

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

| custID | Name | city | grade | salesmanID | SalesmanID | Name | city | commission |

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

| 3001 | Akshay | Ahmednagar | 300 | 2002 | 2002 | Seeta | Mumbai | 3 |

| 3002 | Darshan | Pune | 200 | 2001 | 2001 | Ram | Pune | 5 |

| 3003 | Pooja | Mum

bai | 100 | 2003 | 2003 | Amruta | Solapur | 8 |

| 3004 | Sai | Amravati | 400 | 2001 | 2001 | Ram | Pune | 5 |

| 3005 | Apurva | Aurangabad | 200 | 2004 | 2004 | Ashok | Nag

pur | 7 |

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

5 rows in set (0.00 sec)

mysql> SELECT CUSTID AS ID, NAME FROM SALESMAN;

ERROR 1054 (42S22): Unknown column 'CUSTID' in 'field list'

mysql> SELECT CUSTID AS ID, NAME FROM SALESMAN INNER JOIN SALESMAN.salesmanID=CUSTOMER.salesmanID;

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 '=CUSTOMER.salesmanID' at line 1

mysql> select a.name AS "SALESMAN NAME",a.city,b.name AS "CUSTOMER NAME",b.grade FROM

-> Salesman a INNER JOIN Customer b ON a.salesmanID=b.salesmanID;

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

| SALESMAN NAME | city | CUSTOMER NAME | grade |

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

| Seeta | Mumbai | Akshay | 300 |

| Ram | Pune | Darshan | 200 |

| Amruta | Solapur | Pooja | 100 |

| Ram | Pune | Sai | 400 |

| Ashok | Nag

pur | Apurva | 200 |

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

5 rows in set (0.00 sec)

mysql> select Salesman.Name AS 'Salesman',Customer.Name,Customer.city FROM

-> Salesman,Customer WHERE Salesman.city=Customer.city;

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

| Salesman | Name | city |

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

| Ram | Darshan | Pune |

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

1 row in set (0.00 sec)

mysql> ^C

mysql>