)' at line 1

mysql> ALTER TABLE Dept MODIFY LocID "int references Location(LocID)";

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 '"int references Location(LocID)"' at line 1

mysql> ALTER TABLE Dept MODIFY LocID " references Location(LocID)";

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 '" references Location(LocID)"' at line 1

mysql> ALTER TABLE Dept MODIFY LocID references Location(LocID);

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 'references Location(LocID)' at line 1

mysql> DROP TABLE Dept;

Query OK, 0 rows affected (0.05 sec)

mysql> CREATE TABLE Dept

-> (DeptID int primary key,

-> Dname varchar(10) not null,

-> LocID int references Location(LocID)

-> );

Query OK, 0 rows affected (0.06 sec)

mysql> INSERT INTO Dept VALUES

-> (101,'sales',1),

-> (102,'HR',3),

-> (103,'Finance',2),

-> (104,'MKTG',3),

-> (105,'OPS',4),

-> (106,'IT',4),

-> (107,'Trvl Desk',NULL)

-> );

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 9

mysql> INSERT INTO Dept VALUES

-> (101,'sales',1),

-> (102,'HR',3),

-> (103,'Finance',2),

-> (104,'MKTG',3),

-> (105,'OPS',4),

-> (106,'IT',4),

-> (107,'Trvl Desk',NULL);

Query OK, 7 rows affected (0.04 sec)

Records: 7 Duplicates: 0 Warnings: 0

mysql> SELECT \* FROM Dept;

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

| DeptID | Dname | LocID |

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

| 101 | sales | 1 |

| 102 | HR | 3 |

| 103 | Finance | 2 |

| 104 | MKTG | 3 |

| 105 | OPS | 4 |

| 106 | IT | 4 |

| 107 | Trvl Desk | NULL |

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

7 rows in set (0.00 sec)

mysql> CREATE TABLE Emp

-> (

-> EmpID int primary key,

-> FName varchar (10) not null,

-> LName varchar (10) not null,

-> DeptID int references Emp(EmpID),

-> MgrID int references Emp(EmpID),

-> Salary decimal(10,2)

-> );

Query OK, 0 rows affected (0.10 sec)

mysql> INSERT INTO Emp VALUES

-> (1001'Stevan','King',105,NULL,50000),

-> (1001'Nancy','Grennberg',102,1001,35000),

-> (1001'Neena','Kochhar',105,1003,40000),

-> ;

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 ''Stevan','King',105,NULL,50000),

(1001'Nancy','Grennberg',102,1001,35000),

(1001' at line 2

mysql> INSERT INTO Emp VALUES

-> (1001'Stevan','King',105,NULL,50000),

-> (1003'Nancy','Grennberg',102,1001,35000),

-> (1002'Neena','Kochhar',105,1003,40000),

-> (1004'Andrew','LUSK',101,1002,15000),

-> (1006'Andy','HillMan',105,1001,30000),

-> (1005'Pamela','Davis',NULL,1002,14000),

-> (1007'Rene','Lopez',105,1001,18000),

-> (1009'Sue','Fisher',105,1001,11000),

-> (1008'Tanya','Rff',105,1001,10000),

-> ;

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 ''Stevan','King',105,NULL,50000),

(1003'Nancy','Grennberg',102,1001,35000),

(1002' at line 2

mysql> INSERT INTO Emp VALUES

-> (1001'Stevan','King',105,NULL,50000),

-> (1003'Nancy','Grennberg',102,1001,35000),

-> (1002'Neena','Kochhar',105,1003,40000),

-> (1004'Andrew','LUSK',101,1002,15000),

-> (1006'Andy','HillMan',105,1001,30000),

-> (1005'Pamela','Davis',NULL,1002,14000),

-> (1007'Rene','Lopez',105,1001,18000),

-> (1009'Sue','Fisher',105,1001,11000),

-> (1008'Tanya','Rff',105,1001,10000);

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 ''Stevan','King',105,NULL,50000),

(1003'Nancy','Grennberg',102,1001,35000),

(1002' at line 2

mysql> INSERT INTO Emp VALUES

-> (1001,'Stevan','King',105,NULL,50000),

-> (1003,'Nancy','Grennberg',102,1001,35000),

-> (1002,'Neena','Kochhar',105,1003,40000),

-> (1003,'Nancy','Grennberg',102,1001,35000),

-> ;

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 5

mysql> INSERT INTO Emp VALUES

-> (1001,'Stevan','King',105,NULL,50000),

-> (1003,'Nancy','Grennberg',102,1001,35000),

-> (1002,'Neena','Kochhar',105,1003,40000),

-> (1004,'Andrew','LUSK',101,1002,15000),

-> (1006,'Andy','HillMan',105,1001,30000),

-> (1005,'Pamela','Davis',NULL,1002,14000),

-> (1007,'Rene','Lopez',105,1001,18000),

-> (1009,'Sue','Fisher',105,1001,11000),

-> (1008,'Tanya','Rff',105,1001,10000);

Query OK, 9 rows affected (0.03 sec)

Records: 9 Duplicates: 0 Warnings: 0

mysql> SELECT \* FROM Location;

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

| LocID | City | Addr |

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

| 1 | Nagpur | 55,hudkeshwarRoad |

| 2 | Badlapur | katrap |

| 3 | Pune | Hinjewadi |

| 4 | Gurgaon | DLF 2 |

| 5 | Banglore | ITPL |

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

5 rows in set (0.00 sec)

mysql> SELECT \* FROM Dept;

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

| DeptID | Dname | LocID |

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

| 101 | sales | 1 |

| 102 | HR | 3 |

| 103 | Finance | 2 |

| 104 | MKTG | 3 |

| 105 | OPS | 4 |

| 106 | IT | 4 |

| 107 | Trvl Desk | NULL |

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

7 rows in set (0.00 sec)

mysql> SELECT \* FROM Emp;

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

| EmpID | FName | LName | DeptID | MgrID | Salary |

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

| 1001 | Stevan | King | 105 | NULL | 50000.00 |

| 1002 | Neena | Kochhar | 105 | 1003 | 40000.00 |

| 1003 | Nancy | Grennberg | 102 | 1001 | 35000.00 |

| 1004 | Andrew | LUSK | 101 | 1002 | 15000.00 |

| 1005 | Pamela | Davis | NULL | 1002 | 14000.00 |

| 1006 | Andy | HillMan | 105 | 1001 | 30000.00 |

| 1007 | Rene | Lopez | 105 | 1001 | 18000.00 |

| 1008 | Tanya | Rff | 105 | 1001 | 10000.00 |

| 1009 | Sue | Fisher | 105 | 1001 | 11000.00 |

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

9 rows in set (0.00 sec)

mysql> SELECT DName,City,Addr FROM Location INNER JOIN Dept ON Location.LocID=Dept.LocID;

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

| DName | City | Addr |

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

| sales | Nagpur | 55,hudkeshwarRoad |

| Finance | Badlapur | katrap |

| HR | Pune | Hinjewadi |

| MKTG | Pune | Hinjewadi |

| OPS | Gurgaon | DLF 2 |

| IT | Gurgaon | DLF 2 |

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

6 rows in set (0.04 sec)

mysql> SELECT DName,City,Addr FROM Location RIGHT JOIN Dept ON Location.LocID=Dept.LocID;

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

| DName | City | Addr |

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

| sales | Nagpur | 55,hudkeshwarRoad |

| HR | Pune | Hinjewadi |

| Finance | Badlapur | katrap |

| MKTG | Pune | Hinjewadi |

| OPS | Gurgaon | DLF 2 |

| IT | Gurgaon | DLF 2 |

| Trvl Desk | NULL | NULL |

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

7 rows in set (0.02 sec)

mysql> SELECT DName,City,Addr FROM Dept LEFT OUTER JOIN Location ON Dept.LocID=Location.LocID;

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

| DName | City | Addr |

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

| sales | Nagpur | 55,hudkeshwarRoad |

| HR | Pune | Hinjewadi |

| Finance | Badlapur | katrap |

| MKTG | Pune | Hinjewadi |

| OPS | Gurgaon | DLF 2 |

| IT | Gurgaon | DLF 2 |

| Trvl Desk | NULL | NULL |

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

7 rows in set (0.00 sec)

mysql> SELECT DName,City,Addr FROM Dept RIGHT OUTER JOIN Location ON Dept.LocID=Location.LocID;

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

| DName | City | Addr |

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

| sales | Nagpur | 55,hudkeshwarRoad |

| Finance | Badlapur | katrap |

| HR | Pune | Hinjewadi |

| MKTG | Pune | Hinjewadi |

| OPS | Gurgaon | DLF 2 |

| IT | Gurgaon | DLF 2 |

| NULL | Banglore | ITPL |

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

7 rows in set (0.00 sec)

mysql> SELECT DName,City,Addr FROM Dept LEFT OUTER JOIN Location ON Dept.LocID=Location.LocID WHERE Dname IS NULL;

Empty set (0.00 sec)

mysql> ';

'> ';

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 DName,City,Addr FROM Dept LEFT OUTER JOIN Location ON Dept.LocID=Location.LocID WHERE Dname IS NULL;

Empty set (0.00 sec)

mysql> SELECT DName,City,Addr FROM Dept RIGHT OUTER JOIN Location ON Dept.LocID=Location.LocID WHERE Dname IS NULL;

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

| DName | City | Addr |

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

| NULL | Banglore | ITPL |

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

1 row in set (0.00 sec)

mysql> SELECT DName,City,Addr FROM Dept LEFT OUTER JOIN Location ON Dept.LocID=Location.LocID WHERE City IS NULL;

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

| DName | City | Addr |

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

| Trvl Desk | NULL | NULL |

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

1 row in set (0.00 sec)

mysql> SELECT DName,City,Addr FROM Dept INNER JOIN Location ON Dept.LocID=Location.LocID WHERE City= 'Gurgaon';

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

| DName | City | Addr |

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

| OPS | Gurgaon | DLF 2 |

| IT | Gurgaon | DLF 2 |

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

2 rows in set (0.03 sec)

mysql> SELECT DName, FName, LName, City, Addr FROM Dept INNER JOIN Location on Dept.LocID = Location.LocID INNER JOIN Emp ON Dept.DeptID=Emp.DeptID;

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

| DName | FName | LName | City | Addr |

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

| sales | Andrew | LUSK | Nagpur | 55,hudkeshwarRoad |

| HR | Nancy | Grennberg | Pune | Hinjewadi |

| OPS | Stevan | King | Gurgaon | DLF 2 |

| OPS | Neena | Kochhar | Gurgaon | DLF 2 |

| OPS | Andy | HillMan | Gurgaon | DLF 2 |

| OPS | Rene | Lopez | Gurgaon | DLF 2 |

| OPS | Tanya | Rff | Gurgaon | DLF 2 |

| OPS | Sue | Fisher | Gurgaon | DLF 2 |

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

8 rows in set (0.00 sec)

mysql> SELECT DName, CONCAT(FName,'',LName) AS Name, City, Addr

-> FROM Dept INNER JOIN Location

-> On Dept.LocID= Location.LocID INNER JOIN Emp ON Dept.DeptID= Emp.DeptID;

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

| DName | Name | City | Addr |

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

| sales | AndrewLUSK | Nagpur | 55,hudkeshwarRoad |

| HR | NancyGrennberg | Pune | Hinjewadi |

| OPS | StevanKing | Gurgaon | DLF 2 |

| OPS | NeenaKochhar | Gurgaon | DLF 2 |

| OPS | AndyHillMan | Gurgaon | DLF 2 |

| OPS | ReneLopez | Gurgaon | DLF 2 |

| OPS | TanyaRff | Gurgaon | DLF 2 |

| OPS | SueFisher | Gurgaon | DLF 2 |

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

8 rows in set (0.04 sec)

mysql> SELECT DName, CONCAT(FName,' ',LName) AS Name, City, Addr

-> FROM Dept INNER JOIN Location

-> On Dept.LocID= Location.LocID INNER JOIN Emp ON Dept.DeptID= Emp.DeptID;

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

| DName | Name | City | Addr |

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

| sales | Andrew LUSK | Nagpur | 55,hudkeshwarRoad |

| HR | Nancy Grennberg | Pune | Hinjewadi |

| OPS | Stevan King | Gurgaon | DLF 2 |

| OPS | Neena Kochhar | Gurgaon | DLF 2 |

| OPS | Andy HillMan | Gurgaon | DLF 2 |

| OPS | Rene Lopez | Gurgaon | DLF 2 |

| OPS | Tanya Rff | Gurgaon | DLF 2 |

| OPS | Sue Fisher | Gurgaon | DLF 2 |

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

8 rows in set (0.00 sec)

mysql>

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

| DName | City | Addr |

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

| OPS | Gurgaon | DLF 2 |

| IT | Gurgaon | DLF 2 |

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

2 rows in set (0.00 sec)

mysql> SELECT DName, FName, LName, City, Addr FROM Dept INNER JOIN Location on Dept.LocID = Location.LocID INNER JOIN Emp ON Dept.DeptID=Emp.DeptID;

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

| DName | FName | LName | City | Addr |

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

| sales | Andrew | LUSK | Nagpur | 55,hudkeshwarRoad |

| HR | Nancy | Grennberg | Pune | Hinjewadi |

| OPS | Stevan | King | Gurgaon | DLF 2 |

| OPS | Neena | Kochhar | Gurgaon | DLF 2 |

| OPS | Andy | HillMan | Gurgaon | DLF 2 |

| OPS | Rene | Lopez | Gurgaon | DLF 2 |

| OPS | Tanya | Rff | Gurgaon | DLF 2 |

| OPS | Sue | Fisher | Gurgaon | DLF 2 |

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

8 rows in set (0.00 sec)

mysql> SELECT DName, CONCAT(FName,'',LName) AS Name, City, Addr

-> -> FROM Dept INNER JOIN Location

-> ;

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 Dept INNER JOIN Location' at line 2

mysql> SELECT DName, CONCAT(FName,'',LName) AS Name, City, Addr

-> FROM Dept INNER JOIN Location

-> On Dept.LocID= Location.LocID INNER JOIN Emp ON Dept.DeptID= Emp.DeptID;

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

| DName | Name | City | Addr |

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

| sales | AndrewLUSK | Nagpur | 55,hudkeshwarRoad |

| HR | NancyGrennberg | Pune | Hinjewadi |

| OPS | StevanKing | Gurgaon | DLF 2 |

| OPS | NeenaKochhar | Gurgaon | DLF 2 |

| OPS | AndyHillMan | Gurgaon | DLF 2 |

| OPS | ReneLopez | Gurgaon | DLF 2 |

| OPS | TanyaRff | Gurgaon | DLF 2 |

| OPS | SueFisher | Gurgaon | DLF 2 |

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

8 rows in set (0.00 sec)

mysql> SELECT DName, CONCAT(FName,' ',LName) AS Name, City, Addr

-> FROM Dept INNER JOIN Location

-> On Dept.LocID= Location.LocID INNER JOIN Emp ON Dept.DeptID= Emp.DeptID;

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

| DName | Name | City | Addr |

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

| sales | Andrew LUSK | Nagpur | 55,hudkeshwarRoad |

| HR | Nancy Grennberg | Pune | Hinjewadi |

| OPS | Stevan King | Gurgaon | DLF 2 |

| OPS | Neena Kochhar | Gurgaon | DLF 2 |

| OPS | Andy HillMan | Gurgaon | DLF 2 |

| OPS | Rene Lopez | Gurgaon | DLF 2 |

| OPS | Tanya Rff | Gurgaon | DLF 2 |

| OPS | Sue Fisher | Gurgaon | DLF 2 |

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

8 rows in set (0.00 sec)

mysql> SELECT d.DName,

-> CONCAT(e.FNAME,' ',e.LastName) AS Name,

-> 1.City, 1.Addr

-> FROM Dept d INNER JOIN Location 1

-> ON d.LocID=1.LocID

-> INNER JOIN Emp e

-> ON d.DeptID=e.DeptID;

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 '1

ON d.LocID=1.LocID

INNER JOIN Emp e

ON d.DeptID=e.DeptID' at line 4

mysql> CONCAT(e.FName,' ',e.LName) AS Name,

-> 1.City, 1.Addr

-> FROM Dept d INNER JOIN Location 1

-> ON d.LocID=1.LocID

-> INNER JOIN Emp e

-> ON d.DeptID=e.DeptID;

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 'CONCAT(e.FName,' ',e.LName) AS Name,

1.City, 1.Addr

FROM Dept d INNER JOIN Locat' at line 1

mysql> SELECT d.DName,

-> CONCAT(e.FName,' ',e.LName) AS Name,

-> 1.City, 1.Addr

-> FROM Dept INNER JOIN Location

-> ON d.LocID=l.LocID

-> INNER JOIN Emp e

-> ON d.DeptID=e.DeptID;

ERROR 1054 (42S22): Unknown column 'd.DName' in 'field list'

mysql> SELECT d.DName,

-> CONCAT(e.FNAME,' ',e.LName) AS Name,

-> 1.City, 1.Addr

-> FROM Dept d INNER JOIN Location l

-> ON d.LocID=l.LocID

-> INNER JOIN Emp e

-> ON d.DeptID=e.DeptID;

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

| DName | Name | City | Addr |

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

| OPS | Stevan King | 1 | 1 |

| OPS | Neena Kochhar | 1 | 1 |

| HR | Nancy Grennberg | 1 | 1 |

| sales | Andrew LUSK | 1 | 1 |

| OPS | Andy HillMan | 1 | 1 |

| OPS | Rene Lopez | 1 | 1 |

| OPS | Tanya Rff | 1 | 1 |

| OPS | Sue Fisher | 1 | 1 |

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

8 rows in set (0.00 sec)

mysql> INSERT INTO Emp VALUES

-> (1005,'Pamela','Davis',NULL,1002);

ERROR 1136 (21S01): Column count doesn't match value count at row 1

mysql> SELECT \* FROM Location;

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

| LocID | City | Addr |

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

| 1 | Nagpur | 55,hudkeshwarRoad |

| 2 | Badlapur | katrap |

| 3 | Pune | Hinjewadi |

| 4 | Gurgaon | DLF 2 |

| 5 | Banglore | ITPL |

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

5 rows in set (0.01 sec)

mysql> SELECT \* FROM Dept;

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

| DeptID | Dname | LocID |

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

| 101 | sales | 1 |

| 102 | HR | 3 |

| 103 | Finance | 2 |

| 104 | MKTG | 3 |

| 105 | OPS | 4 |

| 106 | IT | 4 |

| 107 | Trvl Desk | NULL |

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

7 rows in set (0.00 sec)

mysql> SELECT \* FROM Emp;

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

| EmpID | FName | LName | DeptID | MgrID | Salary |

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

| 1001 | Stevan | King | 105 | NULL | 50000.00 |

| 1002 | Neena | Kochhar | 105 | 1003 | 40000.00 |

| 1003 | Nancy | Grennberg | 102 | 1001 | 35000.00 |

| 1004 | Andrew | LUSK | 101 | 1002 | 15000.00 |

| 1005 | Pamela | Davis | NULL | 1002 | 14000.00 |

| 1006 | Andy | HillMan | 105 | 1001 | 30000.00 |

| 1007 | Rene | Lopez | 105 | 1001 | 18000.00 |

| 1008 | Tanya | Rff | 105 | 1001 | 10000.00 |

| 1009 | Sue | Fisher | 105 | 1001 | 11000.00 |

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

9 rows in set (0.00 sec)

mysql> SELECT EmpName FROM Emp

-> WHERE MgrID=

-> (SELECT MgrID FROM EMp WHERE EmpName='Neena Kochhar');

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

mysql> SELECT EName FROM Emp

-> WHERE MgrID=

-> (SELECT MgrID FROM Emp WHERE EmpName='Neena Kochhar');

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

mysql> SELECT EName FROM Emp

-> WHERE MgrID=

-> (SELECT MgrID FROM EMp WHERE EName='Neena Kochhar');

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

mysql>

mysql> SELECT CONCAT(emp.FName,' ',emp.LName) AS EName FROM Emp

-> WHERE MgrID=

-> (SELECT MgrID FROM Emp WHERE EmpName='Neena Kochhar');

ERROR 1054 (42S22): Unknown column 'EmpName' in 'where clause'

mysql> SELECT CONCAT(emp.FName,' ',emp.LName) AS EmpName FROM Emp

-> WHERE MgrID=

-> (SELECT MgrID FROM Emp WHERE EmpName='Neena Kochhar');

ERROR 1054 (42S22): Unknown column 'EmpName' in 'where clause'

mysql> SELECT CONCAT(emp.FName,' ',emp.LName) AS EmpName FROM Emp

-> WHERE MgrID=

-> (SELECT MgrID FROM EMp WHERE fName='Neena' AND LName='Kochhar');

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

| EmpName |

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

| Neena Kochhar |

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

1 row in set (0.00 sec)

mysql> SELECT CONCAT (FName,' ',LName) AS EmpName FROM EMP

-> WHERE MgrID=(SELECT MgrID FROM Emp WHERE FName='Andy' AND LName='Hillman');

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

| EmpName |

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

| Nancy Grennberg |

| Andy HillMan |

| Rene Lopez |

| Tanya Rff |

| Sue Fisher |

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

5 rows in set (0.00 sec)

mysql> SELECT CONCAT (FName,' ',LName) AS EmpName, salary FROM EMP

-> WHERE salary >(SELECT AVG(salary) FROM Emp);

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

| EmpName | salary |

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

| Stevan King | 50000.00 |

| Neena Kochhar | 40000.00 |

| Nancy Grennberg | 35000.00 |

| Andy HillMan | 30000.00 |

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

4 rows in set (0.02 sec)

mysql> SELECT AVG(salary) FROM Emp;

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

| AVG(salary) |

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

| 24777.777778 |

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

1 row in set (0.00 sec)

mysql> SELECT CONCAT (FName,' ',LName) AS EmpName,DeptID,salary FROM EMP main

-> WHERE Salary>(SELECT AVG(salary) FROM Emp WHERE DeptID=main.DeptID);

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

| EmpName | DeptID | salary |

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

| Stevan King | 105 | 50000.00 |

| Neena Kochhar | 105 | 40000.00 |

| Andy HillMan | 105 | 30000.00 |

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

3 rows in set (0.02 sec)

mysql> SELECT \* FROM Location;

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

| LocID | City | Addr |

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

| 1 | Nagpur | 55,hudkeshwarRoad |

| 2 | Badlapur | katrap |

| 3 | Pune | Hinjewadi |

| 4 | Gurgaon | DLF 2 |

| 5 | Banglore | ITPL |

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

5 rows in set (0.00 sec)

mysql> SELECT \* FROM Dept;

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

| DeptID | Dname | LocID |

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

| 101 | sales | 1 |

| 102 | HR | 3 |

| 103 | Finance | 2 |

| 104 | MKTG | 3 |

| 105 | OPS | 4 |

| 106 | IT | 4 |

| 107 | Trvl Desk | NULL |

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

7 rows in set (0.00 sec)

mysql> SELECT \* FROM Emp;

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

| EmpID | FName | LName | DeptID | MgrID | Salary |

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

| 1001 | Stevan | King | 105 | NULL | 50000.00 |

| 1002 | Neena | Kochhar | 105 | 1003 | 40000.00 |

| 1003 | Nancy | Grennberg | 102 | 1001 | 35000.00 |

| 1004 | Andrew | LUSK | 101 | 1002 | 15000.00 |

| 1005 | Pamela | Davis | NULL | 1002 | 14000.00 |

| 1006 | Andy | HillMan | 105 | 1001 | 30000.00 |

| 1007 | Rene | Lopez | 105 | 1001 | 18000.00 |

| 1008 | Tanya | Rff | 105 | 1001 | 10000.00 |

| 1009 | Sue | Fisher | 105 | 1001 | 11000.00 |

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

9 rows in set (0.00 sec)

mysql> SELECT Emp.FName, Emp.LName, Dept.Dname FROM Emp

-> FULL OUTER JOIN Emp ON Emp.EmpID=Dept.DeptID;

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 'OUTER JOIN Emp ON Emp.EmpID=Dept.DeptID' at line 2

mysql> SELECT DNAme,City,AddrFROM Dept RIGHT OUTER JOIN Location ON

-> Dept.LocID=Location.LocID

-> WHERE DName IS NULL;

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 'RIGHT OUTER JOIN Location ON

Dept.LocID=Location.LocID

WHERE DName IS NULL' at line 1

mysql> SELECT DName,City,Addr FROM Dept RIGHT OUTER JOIN Location ON Dept.LocID=Location.LocID WHERE Dname IS NULL;

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

| DName | City | Addr |

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

| NULL | Banglore | ITPL |

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

1 row in set (0.00 sec)

mysql> SELECT DNAme,City,Addr FROM Dept RIGHT OUTER JOIN Location ON

-> Dept.LocID=Location.LocID

-> WHERE DName IS NULL;

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

| DNAme | City | Addr |

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

| NULL | Banglore | ITPL |

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

1 row in set (0.00 sec)

mysql>