MYSQL CODES: ---

```
mysql> show databases
    -> ;
+--------------------+
| Database           |
+--------------------+
| classicmodels      |
| information_schema |
| mysql              |
| performance_schema |
| sakila             |
| school             |
| sys                |
| university         |
| world              |
+--------------------+
9 rows in set (0.17 sec)
```

mysql> drop classicmodels;

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 'classicmodels' at line 1

mysql> drop database classicmodels;

Query OK, 8 rows affected (0.31 sec)

mysql> drop database information_schema;

ERROR 1044 (42000): Access denied for user 'root'@'localhost' to database 'information_schema'

mysql> drop database sakila;

Query OK, 23 rows affected (0.65 sec)

mysql> drop database school;

Query OK, 4 rows affected (0.08 sec)

mysql> drop database university;

Query OK, 0 rows affected (0.15 sec)

mysql> drop database world;

Query OK, 3 rows affected (0.10 sec)

mysql> show databases;

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

| Database |

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

| information_schema |

| mysql |

| performance_schema |

| sys |

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

4 rows in set (0.00 sec)

```
mysql> create database school;

Query OK, 1 row affected (0.01 sec)


mysql> use database

ERROR 1049 (42000): Unknown database 'database'

mysql> use database school

ERROR 1049 (42000): Unknown database 'database'

mysql> use database school;

ERROR 1049 (42000): Unknown database 'database'

mysql> show databases

    -> ;

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

| Database           |

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

| information_schema |

| mysql              |

| performance_schema |

| school             |

| sys                |

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

5 rows in set (0.00 sec)


mysql> use school;

Database changed

mysql> use School;

Database changed

mysql> show databases;

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

| Database           |

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

| information_schema |
```

| mysql |

| performance_schema |

| school |

| sys |

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

5 rows in set (0.00 sec)

mysql> show tables;

Empty set (0.02 sec)

mysql> create table table Student(ID int, Name varchar(100), Age 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 'table Student(ID int, Name varchar(100), Age int)' at line 1

mysql> create table Student(ID int, Name varchar(100), Age int);

Query OK, 0 rows affected (0.19 sec)

mysql> show tables;

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

| Tables_in_school |

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

| student |

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

1 row in set (0.00 sec)

mysql> describe student;

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

| Field | Type | Null | Key | Default | Extra |

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

| ID | int | YES | | NULL | |

| Name | varchar(100) | YES | | NULL | |

| Age | int | YES | | NULL | |

```
+-------+--------------+------+-----+---------+-------+
```
3 rows in set (0.01 sec)

mysql> create table Faculty(Faculty_ID int, Primary Key, Name varchar(100), Course varchar(100) Not NULL, Salary int default 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 ', Name varchar(100), Course varchar(100) Not NULL, Salary int default 10000)' at line 1

mysql> create table Faculty(Faculty_ID int Primary Key, Name varchar(100), Course varchar(100) Not NULL, Salary int default 10000);

Query OK, 0 rows affected (0.05 sec)

mysql> describe faculty;

```
+------------+--------------+------+-----+---------+-------+
| Field      | Type         | Null | Key | Default | Extra |
+------------+--------------+------+-----+---------+-------+
| Faculty_ID | int          | NO   | PRI | NULL    |       |
| Name       | varchar(100) | YES  |     | NULL    |       |
| Course     | varchar(100) | NO   |     | NULL    |       |
| Salary     | int          | YES  |     | 10000   |       |
+------------+--------------+------+-----+---------+-------+
```
4 rows in set (0.00 sec)

mysql> insert into student values(101,"Mohit",20);

Query OK, 1 row affected (0.16 sec)

mysql> describe student
    -> ;

```
+-------+--------------+------+-----+---------+-------+
| Field | Type         | Null | Key | Default | Extra |
+-------+--------------+------+-----+---------+-------+
| ID    | int          | YES  |     | NULL    |       |
```

```
| Name  | varchar(100) | YES |     | NULL |     |
| Age   | int          | YES |     | NULL |     |
+-------+--------------+------+-----+---------+-------+
```

3 rows in set (0.00 sec)

mysql> inset into student values(102,"Amit",15);

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 'inset into student values(102,"Amit",15)' at line 1

mysql> insert into student values(102,"Amit",15);

Query OK, 1 row affected (0.01 sec)

mysql> inset into student (id,name) values(103,"Nikhil");

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 'inset into student (id,name) values(103,"Nikhil")' at line 1

mysql> insert into student (id,name) values(103,"Nikhil");

Query OK, 1 row affected (0.14 sec)

mysql> insert into student (name,id) values("Aman",105);

Query OK, 1 row affected (0.14 sec)

mysql> select * from student;

```
+------+--------+------+
| ID   | Name   | Age  |
+------+--------+------+
| 101  | Mohit  |  20  |
| 102  | Amit   |  15  |
| 103  | Nikhil | NULL |
| 105  | Aman   | NULL |
+------+--------+------+
```

4 rows in set (0.00 sec)

mysql> describe faculty;

```
+------------+--------------+------+-----+---------+-------+
| Field      | Type         | Null | Key | Default | Extra |
+------------+--------------+------+-----+---------+-------+
| Faculty_ID | int          | NO   | PRI | NULL    |       |
| Name       | varchar(100) | YES  |     | NULL    |       |
| Course     | varchar(100) | NO   |     | NULL    |       |
| Salary     | int          | YES  |     | 10000   |       |
+------------+--------------+------+-----+---------+-------+
```

4 rows in set (0.00 sec)

mysql> insert into faculty values(101,"ABC","HINDI",20000);

Query OK, 1 row affected (0.14 sec)

mysql> select * from faculty;

```
+------------+------+--------+--------+
| Faculty_ID | Name | Course | Salary |
+------------+------+--------+--------+
|        101 | ABC  | HINDI  |  20000 |
+------------+------+--------+--------+
```

1 row in set (0.00 sec)

mysql> insert into faculty values(102,"XYZ","Maths");

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

mysql> insert into faculty(faculty_id,name,course) values(102,"XYZ","Maths");

Query OK, 1 row affected (0.01 sec)

mysql> select * from faculty;

```
+------------+------+--------+--------+
| Faculty_ID | Name | Course | Salary |
```

```
+------------+------+--------+--------+
|        101 | ABC  | HINDI  |  20000 |
|        102 | XYZ  | Maths  |  10000 |
+------------+------+--------+--------+
2 rows in set (0.00 sec)
```

mysql> create database university;

Query OK, 1 row affected (0.01 sec)

mysql> show databases;

```
+--------------------+
| Database           |
+--------------------+
| information_schema |
| mysql              |
| performance_schema |
| school             |
| sys                |
| university         |
+--------------------+
6 rows in set (0.00 sec)
```

mysql> create table students(RollNumber int Primary Key,Name varchar(100),Address varchar(1000),ContactNumber int);

Query OK, 0 rows affected (0.06 sec)

mysql> show students;

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 'students' at line 1

mysql> describe students;

```
+---------------+---------------+------+-----+---------+-------+
| Field         | Type          | Null | Key | Default | Extra |
```

```
+---------------+---------------+------+-----+---------+-------+
| RollNumber    | int           | NO   | PRI | NULL    |       |
| Name          | varchar(100)  | YES  |     | NULL    |       |
| Address       | varchar(1000) | YES  |     | NULL    |       |
| ContactNumber | int           | YES  |     | NULL    |       |
+---------------+---------------+------+-----+---------+-------+
4 rows in set (0.00 sec)
```

mysql> create table faculties(FacultyId int Primary Key,Name varchar(100) Not NULL,Class varchar(100), Emailid varchar(1000));

Query OK, 0 rows affected (0.05 sec)

mysql> describe faculties;

```
+-----------+---------------+------+-----+---------+-------+
| Field     | Type          | Null | Key | Default | Extra |
+-----------+---------------+------+-----+---------+-------+
| FacultyId | int           | NO   | PRI | NULL    |       |
| Name      | varchar(100)  | NO   |     | NULL    |       |
| Class     | varchar(100)  | YES  |     | NULL    |       |
| Emailid   | varchar(1000) | YES  |     | NULL    |       |
+-----------+---------------+------+-----+---------+-------+
4 rows in set (0.00 sec)
```

mysql> insert into students values

   -> (12, Abhishek, New Delhi, 658689489)

   -> (25, Aman, Bengaluru, 3256987412)

   -> (36, Anshul, Hyderabad, 258746985)

   -> (65, Anand, Kolkata, 236541987)

   ->

   -> ;

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 'Delhi, 658689489)

(25, Aman, Bengaluru, 3256987412)

(36, Anshul, Hyderabad, 258' at line 2

mysql> insert into students values (12, Abhishek, New Delhi, 658689489)

   -> (25, Aman, Bengaluru, 3256987412)

   -> (36, Anshul, Hyderabad, 258746985)

   -> (65, Anand, Kolkata, 236541987)

   ->

   -> ;

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 'Delhi, 658689489)

(25, Aman, Bengaluru, 3256987412)

(36, Anshul, Hyderabad, 258' at line 1

mysql> insert into students values (12, Abhishek, New Delhi, 658689489),(25, Aman, Bengaluru, 3256987412), (36, Anshul, Hyderabad, 258746985), (65, Anand, Kolkata, 236541987), (69, Abhishek, New Delhi, 254136854);

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 'Delhi, 658689489),(25, Aman, Bengaluru, 3256987412), (36, Anshul, Hyderabad, 25' at line 1

mysql> insert into students values(12, "Abhishek", "New Delhi", "658689489)";

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> insert into students values(12, "Abhishek", "New Delhi", "658689489");

Query OK, 1 row affected (0.01 sec)

mysql> desc students;

+---------------+---------------+------+-----+---------+-------+
| Field | Type | Null | Key | Default | Extra |
+---------------+---------------+------+-----+---------+-------+
RollNumber	int	NO	PRI	NULL	
Name	varchar(100)	YES		NULL	
Address	varchar(1000)	YES		NULL	
ContactNumber	int	YES		NULL	
+---------------+---------------+------+-----+---------+-------+

4 rows in set (0.00 sec)

mysql> select * from students;

```
+------------+----------+-----------+---------------+
| RollNumber | Name     | Address   | ContactNumber |
+------------+----------+-----------+---------------+
|         12 | Abhishek | New Delhi |     658689489 |
+------------+----------+-----------+---------------+
```

1 row in set (0.00 sec)

mysql> insert into students values(12, "Aman", "Bengaluru", "3256987412");

ERROR 1264 (22003): Out of range value for column 'ContactNumber' at row 1

mysql> insert into students values(12, "Aman", "Bengaluru", "325698741");

ERROR 1062 (23000): Duplicate entry '12' for key 'students.PRIMARY'

mysql> select * from students;

```
+------------+----------+-----------+---------------+
| RollNumber | Name     | Address   | ContactNumber |
+------------+----------+-----------+---------------+
|         12 | Abhishek | New Delhi |     658689489 |
+------------+----------+-----------+---------------+
```

1 row in set (0.00 sec)

mysql> insert into students values(36, "Anshul", "Hyderabad", "258746985");

Query OK, 1 row affected (0.01 sec)

mysql> insert into students values(65, "Anand", "Kolkata", "236541987");

Query OK, 1 row affected (0.06 sec)

mysql> insert into students values(69, "Abhishek", "New Delhi", "254136854");

Query OK, 1 row affected (0.15 sec)

mysql> insert into students values(25,"Aman","Bengaluru","3256987412");

ERROR 1264 (22003): Out of range value for column 'ContactNumber' at row 1

mysql> insert into students values(25,"Aman","Bengaluru","32569874");

Query OK, 1 row affected (0.01 sec)

mysql> desc students;

```
+---------------+---------------+------+-----+---------+-------+
| Field         | Type          | Null | Key | Default | Extra |
+---------------+---------------+------+-----+---------+-------+
| RollNumber    | int           | NO   | PRI | NULL    |       |
| Name          | varchar(100)  | YES  |     | NULL    |       |
| Address       | varchar(1000) | YES  |     | NULL    |       |
| ContactNumber | int           | YES  |     | NULL    |       |
+---------------+---------------+------+-----+---------+-------+
```
4 rows in set (0.00 sec)

mysql> select * from students;

```
+------------+----------+-----------+---------------+
| RollNumber | Name     | Address   | ContactNumber |
+------------+----------+-----------+---------------+
|         12 | Abhishek | New Delhi |     658689489 |
|         25 | Aman     | Bengaluru |      32569874 |
|         36 | Anshul   | Hyderabad |     258746985 |
|         65 | Anand    | Kolkata   |     236541987 |
|         69 | Abhishek | New Delhi |     254136854 |
+------------+----------+-----------+---------------+
```
5 rows in set (0.00 sec)

mysql>

mysql> insert into faculties values(1,"Shah","Math","shah@xyz.com");

Query OK, 1 row affected (0.10 sec)

mysql> insert into faculties values(1,"Math","Hindi","kumar@xyz.com");

ERROR 1062 (23000): Duplicate entry '1' for key 'faculties.PRIMARY'

mysql> insert into faculties values(2,"Math","Hindi","kumar@xyz.com");

Query OK, 1 row affected (0.01 sec)

mysql> insert into faculties values(3,"Dahiya","English","dahiya@xyz.com");

Query OK, 1 row affected (0.01 sec)

mysql> insert into faculties values(4,"Gairols","Science","gairols@xyz.com");

Query OK, 1 row affected (0.01 sec)

mysql> select * from faculties;

```
+-----------+---------+---------+-----------------+
| FacultyId | Name    | Class   | Emailid         |
+-----------+---------+---------+-----------------+
|         1 | Shah    | Math    | shah@xyz.com    |
|         2 | Math    | Hindi   | kumar@xyz.com   |
|         3 | Dahiya  | English | dahiya@xyz.com  |
|         4 | Gairols | Science | gairols@xyz.com |
+-----------+---------+---------+-----------------+
```

4 rows in set (0.00 sec)

mysql> desc students;

```
+---------------+---------------+------+-----+---------+-------+
| Field         | Type          | Null | Key | Default | Extra |
+---------------+---------------+------+-----+---------+-------+
| RollNumber    | int           | NO   | PRI | NULL    |       |
| Name          | varchar(100)  | YES  |     | NULL    |       |
| Address       | varchar(1000) | YES  |     | NULL    |       |
| ContactNumber | int           | YES  |     | NULL    |       |
```

```
+---------------+--------------+------+-----+---------+-------+
```
4 rows in set (0.00 sec)

mysql> alter table student add(Address varchar(100));

Query OK, 0 rows affected (0.04 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc student

    -> ;
```
+---------+--------------+------+-----+---------+-------+
| Field   | Type         | Null | Key | Default | Extra |
+---------+--------------+------+-----+---------+-------+
| ID      | int          | YES  |     | NULL    |       |
| Name    | varchar(100) | YES  |     | NULL    |       |
| Age     | int          | YES  |     | NULL    |       |
| Address | varchar(100) | YES  |     | NULL    |       |
+---------+--------------+------+-----+---------+-------+
```
4 rows in set (0.00 sec)

mysql> alter table student add(Email_ID varchar(100), ContactNo varchar(100));

Query OK, 0 rows affected (0.17 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc student;
```
+-----------+--------------+------+-----+---------+-------+
| Field     | Type         | Null | Key | Default | Extra |
+-----------+--------------+------+-----+---------+-------+
| ID        | int          | YES  |     | NULL    |       |
| Name      | varchar(100) | YES  |     | NULL    |       |
| Age       | int          | YES  |     | NULL    |       |
| Address   | varchar(100) | YES  |     | NULL    |       |
```

```
| Email_ID  | varchar(100) | YES  |     | NULL    |      |
| ContactNo | varchar(100) | YES  |     | NULL    |      |
+-----------+--------------+------+-----+---------+-------+
```
6 rows in set (0.00 sec)

mysql> alter table student add(Email_ID varchar(100), ContactNo varchar(100));

ERROR 1060 (42S21): Duplicate column name 'Email_ID'

mysql> select * from student;

```
+------+--------+------+---------+----------+-----------+
| ID   | Name   | Age  | Address | Email_ID | ContactNo |
+------+--------+------+---------+----------+-----------+
| 101  | Mohit  |  20  | NULL    | NULL     | NULL      |
| 102  | Amit   |  15  | NULL    | NULL     | NULL      |
| 103  | Nikhil | NULL | NULL    | NULL     | NULL      |
| 105  | Aman   | NULL | NULL    | NULL     | NULL      |
+------+--------+------+---------+----------+-----------+
```
4 rows in set (0.00 sec)

mysql> alter table student add(Test int default 100);

Query OK, 0 rows affected (0.17 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> select * from student;

```
+------+--------+------+---------+----------+-----------+------+
| ID   | Name   | Age  | Address | Email_ID | ContactNo | Test |
+------+--------+------+---------+----------+-----------+------+
| 101  | Mohit  |  20  | NULL    | NULL     | NULL      | 100  |
| 102  | Amit   |  15  | NULL    | NULL     | NULL      | 100  |
| 103  | Nikhil | NULL | NULL    | NULL     | NULL      | 100  |
| 105  | Aman   | NULL | NULL    | NULL     | NULL      | 100  |
+------+--------+------+---------+----------+-----------+------+
```

4 rows in set (0.00 sec)

mysql> alter table student modify ContactNo int;

Query OK, 4 rows affected (0.19 sec)

Records: 4 Duplicates: 0 Warnings: 0

mysql> desc student;

```
+-----------+--------------+------+-----+---------+-------+
| Field     | Type         | Null | Key | Default | Extra |
+-----------+--------------+------+-----+---------+-------+
| ID        | int          | YES  |     | NULL    |       |
| Name      | varchar(100) | YES  |     | NULL    |       |
| Age       | int          | YES  |     | NULL    |       |
| Address   | varchar(100) | YES  |     | NULL    |       |
| Email_ID  | varchar(100) | YES  |     | NULL    |       |
| ContactNo | int          | YES  |     | NULL    |       |
| Test      | int          | YES  |     | 100     |       |
+-----------+--------------+------+-----+---------+-------+
```

7 rows in set (0.00 sec)

mysql> alter table student change Address Location varchar(100);

Query OK, 0 rows affected (0.04 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc student

    -> ;

```
+-----------+--------------+------+-----+---------+-------+
| Field     | Type         | Null | Key | Default | Extra |
+-----------+--------------+------+-----+---------+-------+
| ID        | int          | YES  |     | NULL    |       |
| Name      | varchar(100) | YES  |     | NULL    |       |
```

```
| Age      | int          | YES  |     | NULL    |       |
| Location | varchar(100) | YES  |     | NULL    |       |
| Email_ID | varchar(100) | YES  |     | NULL    |       |
| ContactNo | int         | YES  |     | NULL    |       |
| Test     | int          | YES  |     | 100     |       |
+-----------+-------------+------+-----+---------+-------+
7 rows in set (0.00 sec)


mysql> alter table student drop test;
Query OK, 0 rows affected (0.03 sec)
Records: 0  Duplicates: 0  Warnings: 0


mysql> desc student;
+-----------+-------------+------+-----+---------+-------+
| Field     | Type        | Null | Key | Default | Extra |
+-----------+-------------+------+-----+---------+-------+
| ID        | int         | YES  |     | NULL    |       |
| Name      | varchar(100)| YES  |     | NULL    |       |
| Age       | int         | YES  |     | NULL    |       |
| Location  | varchar(100)| YES  |     | NULL    |       |
| Email_ID  | varchar(100)| YES  |     | NULL    |       |
| ContactNo | int         | YES  |     | NULL    |       |
+-----------+-------------+------+-----+---------+-------+
6 rows in set (0.00 sec)


mysql> alter table student drop column Email_ID, drop column ContactNo;
Query OK, 0 rows affected (0.18 sec)
Records: 0  Duplicates: 0  Warnings: 0


mysql> desc student;
+----------+-------------+------+-----+---------+-------+
```

```
| Field    | Type         | Null | Key | Default | Extra |
+----------+--------------+------+-----+---------+-------+
| ID       | int          | YES  |     | NULL    |       |
| Name     | varchar(100) | YES  |     | NULL    |       |
| Age      | int          | YES  |     | NULL    |       |
| Location | varchar(100) | YES  |     | NULL    |       |
+----------+--------------+------+-----+---------+-------+
4 rows in set (0.00 sec)


mysql> select * from student
    -> ;
+------+--------+------+----------+
| ID   | Name   | Age  | Location |
+------+--------+------+----------+
| 101  | Mohit  | 20   | NULL     |
| 102  | Amit   | 15   | NULL     |
| 103  | Nikhil | NULL | NULL     |
| 105  | Aman   | NULL | NULL     |
+------+--------+------+----------+
4 rows in set (0.00 sec)


mysql> select * from faculty;
+------------+------+--------+--------+
| Faculty_ID | Name | Course | Salary |
+------------+------+--------+--------+
|        101 | ABC  | HINDI  | 20000  |
|        102 | XYZ  | Maths  | 10000  |
+------------+------+--------+--------+
2 rows in set (0.00 sec)


mysql> select Name from student;
```

```
+--------+
| Name   |
+--------+
| Mohit  |
| Amit   |
| Nikhil |
| Aman   |
+--------+
4 rows in set (0.00 sec)

mysql> select name,ID from student;
+--------+------+
| name   | ID   |
+--------+------+
| Mohit  | 101  |
| Amit   | 102  |
| Nikhil | 103  |
| Aman   | 105  |
+--------+------+
4 rows in set (0.00 sec)

mysql> source Desktop/mysqlsampledatabase.sql
ERROR:
Failed to open file 'Desktop\mysqlsampledatabase.sql', error: 2
mysql> source Desktop/mysqlsampledatabase.sql
ERROR:
Failed to open file 'Desktop\mysqlsampledatabase.sql', error: 2
mysql> source Desktop\mysqlsampledatabase.sql
ERROR:
Failed to open file 'Desktop\mysqlsampledatabase.sql', error: 2
mysql> source "Desktop\mysqlsampledatabase.sql"
```

ERROR:

Failed to open file '"Desktop\mysqlsampledatabase.sql"', error: 22

mysql> source "Desktop\mysqlsampledatabase.sql";

ERROR:

Failed to open file '"Desktop\mysqlsampledatabase.sql"', error: 22

mysql> source Desktop\mysqlsampledatabase.sql;

ERROR:

Unknown command '\m'.

ERROR:

Failed to open file 'Desktop\mysqlsampledatabase.sql', error: 2

mysql> source Desktop/mysqlsampledatabase.sql

ERROR:

Failed to open file 'Desktop\mysqlsampledatabase.sql', error: 2

mysql> source C:/Users/Admin/Desktop/mysqlsampledatabase.sql

Query OK, 0 rows affected, 1 warning (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 1 row affected (0.01 sec)

Database changed

Query OK, 0 rows affected (0.01 sec)

Query OK, 0 rows affected, 2 warnings (0.07 sec)

Query OK, 122 rows affected (0.02 sec)

Records: 122 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected (0.01 sec)

Query OK, 0 rows affected, 2 warnings (0.08 sec)

Query OK, 23 rows affected (0.01 sec)

Records: 23 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.05 sec)

Query OK, 7 rows affected (0.01 sec)

Records: 7 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected (0.01 sec)

Query OK, 0 rows affected, 3 warnings (0.06 sec)

Query OK, 2996 rows affected (0.10 sec)

Records: 2996 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected (0.01 sec)

Query OK, 0 rows affected, 2 warnings (0.06 sec)

Query OK, 326 rows affected (0.02 sec)

Records: 326 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected (0.01 sec)

Query OK, 0 rows affected, 1 warning (0.06 sec)

Query OK, 273 rows affected (0.01 sec)

Records: 273 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected (0.01 sec)

Query OK, 0 rows affected (0.05 sec)

Query OK, 7 rows affected (0.02 sec)

Records: 7 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected (0.02 sec)

Query OK, 0 rows affected, 1 warning (0.14 sec)

Query OK, 110 rows affected (0.04 sec)

Records: 110 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

```
mysql> show databases;

+--------------------+
| Database           |
+--------------------+
| classicmodels      |
| information_schema |
| mysql              |
| performance_schema |
| school             |
| sys                |
| university         |
+--------------------+
7 rows in set (0.00 sec)


mysql> use classicmodels;
Database changed
mysql> show tables;

+------------------------+
| Tables_in_classicmodels |
+------------------------+
| customers              |
| employees              |
| offices                |
| orderdetails           |
| orders                 |
| payments               |
| productlines           |
| products               |
+------------------------+
8 rows in set (0.00 sec)
```

```
mysql> desc payments;
+---------------+-------------+------+-----+---------+-------+
| Field         | Type        | Null | Key | Default | Extra |
+---------------+-------------+------+-----+---------+-------+
| customerNumber | int        | NO   | PRI | NULL    |       |
| checkNumber   | varchar(50) | NO   | PRI | NULL    |       |
| paymentDate   | date        | NO   |     | NULL    |       |
| amount        | decimal(10,2)| NO  |     | NULL    |       |
+---------------+-------------+------+-----+---------+-------+
4 rows in set (0.00 sec)

mysql> select * from payments;
+---------------+-------------+-------------+-----------+
| customerNumber | checkNumber | paymentDate | amount    |
+---------------+-------------+-------------+-----------+
|           103 | HQ336336    | 2004-10-19  |   6066.78 |
|           103 | JM555205    | 2003-06-05  |  14571.44 |
|           103 | OM314933    | 2004-12-18  |   1676.14 |
|           112 | BO864823    | 2004-12-17  |  14191.12 |
|           112 | HQ55022     | 2003-06-06  |  32641.98 |
|           112 | ND748579    | 2004-08-20  |  33347.88 |
|           114 | GG31455     | 2003-05-20  |  45864.03 |
|           114 | MA765515    | 2004-12-15  |  82261.22 |
|           114 | NP603840    | 2003-05-31  |   7565.08 |
|           114 | NR27552     | 2004-03-10  |  44894.74 |
|           119 | DB933704    | 2004-11-14  |  19501.82 |
|           119 | LN373447    | 2004-08-08  |  47924.19 |
|           119 | NG94694     | 2005-02-22  |  49523.67 |
|           121 | DB889831    | 2003-02-16  |  50218.95 |
|           121 | FD317790    | 2003-10-28  |   1491.38 |
|           121 | KI831359    | 2004-11-04  |  17876.32 |
```

	121	MA302151	2004-11-28	34638.14
	124	AE215433	2005-03-05	101244.59
	124	BG255406	2004-08-28	85410.87
	124	CQ287967	2003-04-11	11044.30
	124	ET64396	2005-04-16	83598.04
	124	HI366474	2004-12-27	47142.70
	124	HR86578	2004-11-02	55639.66
	124	KI131716	2003-08-15	111654.40
	124	LF217299	2004-03-26	43369.30
	124	NT141748	2003-11-25	45084.38
	128	DI925118	2003-01-28	10549.01
	128	FA465482	2003-10-18	24101.81
	128	FH668230	2004-03-24	33820.62
	128	IP383901	2004-11-18	7466.32
	129	DM826140	2004-12-08	26248.78
	129	ID449593	2003-12-11	23923.93
	129	PI42991	2003-04-09	16537.85
	131	CL442705	2003-03-12	22292.62
	131	MA724562	2004-12-02	50025.35
	131	NB445135	2004-09-11	35321.97
	141	AU364101	2003-07-19	36251.03
	141	DB583216	2004-11-01	36140.38
	141	DL460618	2005-05-19	46895.48
	141	HJ32686	2004-01-30	59830.55
	141	ID10962	2004-12-31	116208.40
	141	IN446258	2005-03-25	65071.26
	141	JE105477	2005-03-18	120166.58
	141	JN355280	2003-10-26	49539.37
	141	JN722010	2003-02-25	40206.20
	141	KT52578	2003-12-09	63843.55
	141	MC46946	2004-07-09	35420.74

141	MF629602	2004-08-16	20009.53
141	NU627706	2004-05-17	26155.91
144	IR846303	2004-12-12	36005.71
144	LA685678	2003-04-09	7674.94
145	CN328545	2004-07-03	4710.73
145	ED39322	2004-04-26	28211.70
145	HR182688	2004-12-01	20564.86
145	JJ246391	2003-02-20	53959.21
146	FP549817	2004-03-18	40978.53
146	FU793410	2004-01-16	49614.72
146	LJ160635	2003-12-10	39712.10
148	BI507030	2003-04-22	44380.15
148	DD635282	2004-08-11	2611.84
148	KM172879	2003-12-26	105743.00
148	ME497970	2005-03-27	3516.04
151	BF686658	2003-12-22	58793.53
151	GB852215	2004-07-26	20314.44
151	IP568906	2003-06-18	58841.35
151	KI884577	2004-12-14	39964.63
157	HI618861	2004-11-19	35152.12
157	NN711988	2004-09-07	63357.13
161	BR352384	2004-11-14	2434.25
161	BR478494	2003-11-18	50743.65
161	KG644125	2005-02-02	12692.19
161	NI908214	2003-08-05	38675.13
166	BQ327613	2004-09-16	38785.48
166	DC979307	2004-07-07	44160.92
166	LA318629	2004-02-28	22474.17
167	ED743615	2004-09-19	12538.01
167	GN228846	2003-12-03	85024.46
171	GB878038	2004-03-15	18997.89

171	IL104425	2003-11-22	42783.81
172	AD832091	2004-09-09	1960.80
172	CE51751	2004-12-04	51209.58
172	EH208589	2003-04-20	33383.14
173	GP545698	2004-05-13	11843.45
173	IG462397	2004-03-29	20355.24
175	CITI3434344	2005-05-19	28500.78
175	IO448913	2003-11-19	24879.08
175	PI15215	2004-07-10	42044.77
177	AU750837	2004-04-17	15183.63
177	CI381435	2004-01-19	47177.59
181	CM564612	2004-04-25	22602.36
181	GQ132144	2003-01-30	5494.78
181	OH367219	2004-11-16	44400.50
186	AE192287	2005-03-10	23602.90
186	AK412714	2003-10-27	37602.48
186	KA602407	2004-10-21	34341.08
187	AM968797	2004-11-03	52825.29
187	BQ39062	2004-12-08	47159.11
187	KL124726	2003-03-27	48425.69
189	BO711618	2004-10-03	17359.53
189	NM916675	2004-03-01	32538.74
198	FI192930	2004-12-06	9658.74
198	HQ920205	2003-07-06	6036.96
198	IS946883	2004-09-21	5858.56
201	DP677013	2003-10-20	23908.24
201	OO846801	2004-06-15	37258.94
202	HI358554	2003-12-18	36527.61
202	IQ627690	2004-11-08	33594.58
204	GC697638	2004-08-13	51152.86
204	IS150005	2004-09-24	4424.40

205	GL756480	2003-12-04	3879.96
205	LL562733	2003-09-05	50342.74
205	NM739638	2005-02-06	39580.60
209	BOAF82044	2005-05-03	35157.75
209	ED520529	2004-06-21	4632.31
209	PH785937	2004-05-04	36069.26
211	BJ535230	2003-12-09	45480.79
216	BG407567	2003-05-09	3101.40
216	ML780814	2004-12-06	24945.21
216	MM342086	2003-12-14	40473.86
219	BN17870	2005-03-02	3452.75
219	BR941480	2003-10-18	4465.85
227	MQ413968	2003-10-31	36164.46
227	NU21326	2004-11-02	53745.34
233	BOFA23232	2005-05-20	29070.38
233	II180006	2004-07-01	22997.45
233	JG981190	2003-11-18	16909.84
239	NQ865547	2004-03-15	80375.24
240	IF245157	2004-11-16	46788.14
240	JO719695	2004-03-28	24995.61
242	AF40894	2003-11-22	33818.34
242	HR224331	2005-06-03	12432.32
242	KI744716	2003-07-21	14232.70
249	IJ399820	2004-09-19	33924.24
249	NE404084	2004-09-04	48298.99
250	EQ12267	2005-05-17	17928.09
250	HD284647	2004-12-30	26311.63
250	HN114306	2003-07-18	23419.47
256	EP227123	2004-02-10	5759.42
256	HE84936	2004-10-22	53116.99
259	EU280955	2004-11-06	61234.67

259	GB361972	2003-12-07	27988.47
260	IO164641	2004-08-30	37527.58
260	NH776924	2004-04-24	29284.42
276	EM979878	2005-02-09	27083.78
276	KM841847	2003-11-13	38547.19
276	LE432182	2003-09-28	41554.73
276	OJ819725	2005-04-30	29848.52
278	BJ483870	2004-12-05	37654.09
278	GP636783	2003-03-02	52151.81
278	NI983021	2003-11-24	37723.79
282	IA793562	2003-08-03	24013.52
282	JT819493	2004-08-02	35806.73
282	OD327378	2005-01-03	31835.36
286	DR578578	2004-10-28	47411.33
286	KH910279	2004-09-05	43134.04
298	AJ574927	2004-03-13	47375.92
298	LF501133	2004-09-18	61402.00
299	AD304085	2003-10-24	36798.88
299	NR157385	2004-09-05	32260.16
311	DG336041	2005-02-15	46770.52
311	FA728475	2003-10-06	32723.04
311	NQ966143	2004-04-25	16212.59
314	LQ244073	2004-08-09	45352.47
314	MD809704	2004-03-03	16901.38
319	HL685576	2004-11-06	42339.76
319	OM548174	2003-12-07	36092.40
320	GJ597719	2005-01-18	8307.28
320	HO576374	2003-08-20	41016.75
320	MU817160	2003-11-24	52548.49
321	DJ15149	2003-11-03	85559.12
321	LA556321	2005-03-15	46781.66

323	AL493079	2005-05-23	75020.13
323	ES347491	2004-06-24	37281.36
323	HG738664	2003-07-05	2880.00
323	PQ803830	2004-12-24	39440.59
324	DQ409197	2004-12-13	13671.82
324	FP443161	2003-07-07	29429.14
324	HB150714	2003-11-23	37455.77
328	EN930356	2004-04-16	7178.66
328	NR631421	2004-05-30	31102.85
333	HL209210	2003-11-15	23936.53
333	JK479662	2003-10-17	9821.32
333	NF959653	2005-03-01	21432.31
334	CS435306	2005-01-27	45785.34
334	HH517378	2003-08-16	29716.86
334	LF737277	2004-05-22	28394.54
339	AP286625	2004-10-24	23333.06
339	DA98827	2003-11-28	34606.28
344	AF246722	2003-11-24	31428.21
344	NJ906924	2004-04-02	15322.93
347	DG700707	2004-01-18	21053.69
347	LG808674	2003-10-24	20452.50
350	BQ602907	2004-12-11	18888.31
350	CI471510	2003-05-25	50824.66
350	OB648482	2005-01-29	1834.56
353	CO351193	2005-01-10	49705.52
353	ED878227	2003-07-21	13920.26
353	GT878649	2003-05-21	16700.47
353	HJ618252	2005-06-09	46656.94
357	AG240323	2003-12-16	20220.04
357	NB291497	2004-05-15	36442.34
362	FP170292	2004-07-11	18473.71

362	OG208861	2004-09-21	15059.76
363	HL575273	2004-11-17	50799.69
363	IS232033	2003-01-16	10223.83
363	PN238558	2003-12-05	55425.77
379	CA762595	2005-02-12	28322.83
379	FR499138	2003-09-16	32680.31
379	GB890854	2004-08-02	12530.51
381	BC726082	2004-12-03	12081.52
381	CC475233	2003-04-19	1627.56
381	GB117430	2005-02-03	14379.90
381	MS154481	2003-08-22	1128.20
382	CC871084	2003-05-12	35826.33
382	CT821147	2004-08-01	6419.84
382	PH29054	2004-11-27	42813.83
385	BN347084	2003-12-02	20644.24
385	CP804873	2004-11-19	15822.84
385	EK785462	2003-03-09	51001.22
386	DO106109	2003-11-18	38524.29
386	HG438769	2004-07-18	51619.02
398	AJ478695	2005-02-14	33967.73
398	DO787644	2004-06-21	22037.91
398	JPMR4544	2005-05-18	615.45
398	KB54275	2004-11-29	48927.64
406	BJMPR4545	2005-04-23	12190.85
406	HJ217687	2004-01-28	49165.16
406	NA197101	2004-06-17	25080.96
412	GH197075	2004-07-25	35034.57
412	PJ434867	2004-04-14	31670.37
415	ER54537	2004-09-28	31310.09
424	KF480160	2004-12-07	25505.98
424	LM271923	2003-04-16	21665.98

424	OA595449	2003-10-31	22042.37
447	AO757239	2003-09-15	6631.36
447	ER615123	2003-06-25	17032.29
447	OU516561	2004-12-17	26304.13
448	FS299615	2005-04-18	27966.54
448	KR822727	2004-09-30	48809.90
450	EF485824	2004-06-21	59551.38
452	ED473873	2003-11-15	27121.90
452	FN640986	2003-11-20	15130.97
452	HG635467	2005-05-03	8807.12
455	HA777606	2003-12-05	38139.18
455	IR662429	2004-05-12	32239.47
456	GJ715659	2004-11-13	27550.51
456	MO743231	2004-04-30	1679.92
458	DD995006	2004-11-15	33145.56
458	NA377824	2004-02-06	22162.61
458	OO606861	2003-06-13	57131.92
462	ED203908	2005-04-15	30293.77
462	GC60330	2003-11-08	9977.85
462	PE176846	2004-11-27	48355.87
471	AB661578	2004-07-28	9415.13
471	CO645196	2003-12-10	35505.63
473	LL427009	2004-02-17	7612.06
473	PC688499	2003-10-27	17746.26
475	JP113227	2003-12-09	7678.25
475	PB951268	2004-02-13	36070.47
484	GK294076	2004-10-26	3474.66
484	JH546765	2003-11-29	47513.19
486	BL66528	2004-04-14	5899.38
486	HS86661	2004-11-23	45994.07
486	JB117768	2003-03-20	25833.14

487	AH612904	2003-09-28	29997.09
487	PT550181	2004-02-29	12573.28
489	OC773849	2003-12-04	22275.73
489	PO860906	2004-01-31	7310.42
495	BH167026	2003-12-26	59265.14
495	FN155234	2004-05-14	6276.60
496	EU531600	2005-05-25	30253.75
496	MB342426	2003-07-16	32077.44
496	MN89921	2004-12-31	52166.00
+----------------+-------------+-------------+-----------+

273 rows in set (0.00 sec)

mysql> select * from payments limit = 10;

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 '= 10' at line 1

mysql> select * from payments limit is 10;

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 'is 10' at line 1

mysql> select * from payments limit 10;

+----------------+-------------+-------------+-----------+
| customerNumber | checkNumber | paymentDate | amount |
+----------------+-------------+-------------+-----------+
103	HQ336336	2004-10-19	6066.78
103	JM555205	2003-06-05	14571.44
103	OM314933	2004-12-18	1676.14
112	BO864823	2004-12-17	14191.12
112	HQ55022	2003-06-06	32641.98
112	ND748579	2004-08-20	33347.88
114	GG31455	2003-05-20	45864.03
114	MA765515	2004-12-15	82261.22
114	NP603840	2003-05-31	7565.08
114	NR27552	2004-03-10	44894.74

```
+---------------+------------+-------------+----------+
```

10 rows in set (0.00 sec)

mysql> select distinct customerNumber from payments;

```
+----------------+
| customerNumber |
+----------------+
|            103 |
|            112 |
|            114 |
|            119 |
|            121 |
|            124 |
|            128 |
|            129 |
|            131 |
|            141 |
|            144 |
|            145 |
|            146 |
|            148 |
|            151 |
|            157 |
|            161 |
|            166 |
|            167 |
|            171 |
|            172 |
|            173 |
|            175 |
|            177 |
```

| 181 |
| 186 |
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| 211 |
| 216 |
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| 233 |
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| 260 |
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| 298 |
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| 357 |
| 362 |
| 363 |
| 379 |
| 381 |
| 382 |
| 385 |
| 386 |
| 398 |
| 406 |
| 412 |
| 415 |
| 424 |
| 447 |
| 448 |
| 450 |
| 452 |
| 455 |

```
|           456 |
|           458 |
|           462 |
|           471 |
|           473 |
|           475 |
|           484 |
|           486 |
|           487 |
|           489 |
|           495 |
|           496 |
+---------------+
98 rows in set (0.00 sec)


mysql> SELECT productLine,SUM(quantityInStock) FROM products GROUP BY productLine HAVING
SUM(quantityInStock)>50000 ORDER BY SUM(quantityInStock) ;

+--------------+----------------------+
| productLine  | SUM(quantityInStock) |
+--------------+----------------------+
| Planes       |           62287 |
| Motorcycles  |           69401 |
| Vintage Cars |          124880 |
| Classic Cars |          219183 |
+--------------+----------------------+
4 rows in set (0.00 sec)


mysql> select productLine;
ERROR 1054 (42S22): Unknown column 'productLine' in 'field list'
mysql> select productLines;
ERROR 1054 (42S22): Unknown column 'productLines' in 'field list'
```

```
mysql> select * from productLines
    -> ;
```

```
+--------------+-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------+---------------+------------+
| productLine  | textDescription                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | htmlDescription | image    |
+--------------+-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------+---------------+------------+
```

| Classic Cars | Attention car enthusiasts: Make your wildest car ownership dreams come true. Whether you are looking for classic muscle cars, dream sports cars or movie-inspired miniatures, you will find great choices in this category. These replicas feature superb attention to detail and craftsmanship and offer features such as working steering system, opening forward compartment, opening rear trunk with removable spare wheel, 4-wheel independent spring suspension, and so on. The models range in size from 1:10 to 1:24 scale and include numerous limited edition and several out-of-production vehicles. All models include a certificate of authenticity from their manufacturers and come fully assembled and ready for display in the home or office. | NULL | NULL |

| Motorcycles | Our motorcycles are state of the art replicas of classic as well as contemporary motorcycle legends such as Harley Davidson, Ducati and Vespa. Models contain stunning details such as official logos, rotating wheels, working kickstand, front suspension, gear-shift lever, footbrake lever, and drive chain. Materials used include diecast and plastic. The models range in size from 1:10 to 1:50 scale and include numerous limited edition and several out-of-production vehicles. All models come fully assembled and ready for display in the home or office. Most include a certificate of authenticity. | NULL | NULL |

| Planes | Unique, diecast airplane and helicopter replicas suitable for collections, as well as home, office or classroom decorations. Models contain stunning details such as official logos and insignias, rotating jet engines and propellers, retractable wheels, and so on. Most come fully assembled and with a certificate of authenticity from their manufacturers. | NULL | NULL |

| Ships | The perfect holiday or anniversary gift for executives, clients, friends, and family. These handcrafted model ships are unique, stunning works of art that will be treasured for generations! They come fully assembled and ready for display in the home or office. We guarantee the highest quality, and best value. | NULL | NULL |

| Trains | Model trains are a rewarding hobby for enthusiasts of all ages. Whether you're looking for collectible wooden trains, electric streetcars or locomotives, you'll find a number of great choices for any budget within this category. The interactive aspect of trains makes toy trains perfect for young children. The wooden train sets are ideal for children under the age of 5.
| NULL | NULL |

| Trucks and Buses | The Truck and Bus models are realistic replicas of buses and specialized trucks produced from the early 1920s to present. The models range in size from 1:12 to 1:50 scale and include numerous limited edition and several out-of-production vehicles. Materials used include tin, diecast and plastic. All models include a certificate of authenticity from their manufacturers and are a perfect ornament for the home and office.
| NULL | NULL |

| Vintage Cars | Our Vintage Car models realistically portray automobiles produced from the early 1900s through the 1940s. Materials used include Bakelite, diecast, plastic and wood. Most of the replicas are in the 1:18 and 1:24 scale sizes, which provide the optimum in detail and accuracy. Prices range from $30.00 up to $180.00 for some special limited edition replicas. All models include a certificate of authenticity from their manufacturers and come fully assembled and ready for display in the home or office.
| NULL | NULL |

```
+-----------------+-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------+-----------------+-------------+
```

7 rows in set (0.00 sec)

mysql> select * from productLine;

ERROR 1146 (42S02): Table 'classicmodels.productline' doesn't exist

mysql> desc orders;

```
+----------------+-------------+------+-----+---------+-------+
| Field        | Type      | Null | Key | Default | Extra |
+----------------+-------------+------+-----+---------+-------+
| orderNumber   | int       | NO   | PRI | NULL    |       |
| orderDate     | date      | NO   |     | NULL    |       |
| requiredDate  | date      | NO   |     | NULL    |       |
| shippedDate   | date      | YES  |     | NULL    |       |
| status        | varchar(15) | NO   |     | NULL    |       |
| comments      | text      | YES  |     | NULL    |       |
```

```
| customerNumber | int       | NO  | MUL | NULL    |     |

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

7 rows in set (0.00 sec)


mysql> select * from orders limit 20;

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

| orderNumber | orderDate | requiredDate | shippedDate | status  | comments                                                                                           | customerNumber |

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

|     10100 | 2003-01-06 | 2003-01-13   | 2003-01-10  | Shipped | NULL                                                                                               |        363 |

|     10101 | 2003-01-09 | 2003-01-18   | 2003-01-11  | Shipped | Check on availability.                                                                             |        128 |

|     10102 | 2003-01-10 | 2003-01-18   | 2003-01-14  | Shipped | NULL                                                                                               |        181 |

|     10103 | 2003-01-29 | 2003-02-07   | 2003-02-02  | Shipped | NULL                                                                                               |        121 |

|     10104 | 2003-01-31 | 2003-02-09   | 2003-02-01  | Shipped | NULL                                                                                               |        141 |

|     10105 | 2003-02-11 | 2003-02-21   | 2003-02-12  | Shipped | NULL                                                                                               |        145 |

|     10106 | 2003-02-17 | 2003-02-24   | 2003-02-21  | Shipped | NULL                                                                                               |        278 |

|     10107 | 2003-02-24 | 2003-03-03   | 2003-02-26  | Shipped | Difficult to negotiate with customer. We need more marketing materials                             |        131 |

|     10108 | 2003-03-03 | 2003-03-12   | 2003-03-08  | Shipped | NULL                                                                                               |        385 |

|     10109 | 2003-03-10 | 2003-03-19   | 2003-03-11  | Shipped | Customer requested that FedEx Ground is used for this shipping                                     |        486 |

|     10110 | 2003-03-18 | 2003-03-24   | 2003-03-20  | Shipped | NULL                                                                                               |        187 |

|     10111 | 2003-03-25 | 2003-03-31   | 2003-03-30  | Shipped | NULL                                                                                               |        129 |

|     10112 | 2003-03-24 | 2003-04-03   | 2003-03-29  | Shipped | Customer requested that ad materials (such as posters, pamphlets) be included in the shippment |        144 |
```

| 10113 | 2003-03-26 | 2003-04-02 | 2003-03-27 | Shipped | NULL | 124 |

| 10114 | 2003-04-01 | 2003-04-07 | 2003-04-02 | Shipped | NULL | 172 |

| 10115 | 2003-04-04 | 2003-04-12 | 2003-04-07 | Shipped | NULL | 424 |

| 10116 | 2003-04-11 | 2003-04-19 | 2003-04-13 | Shipped | NULL | 381 |

| 10117 | 2003-04-16 | 2003-04-24 | 2003-04-17 | Shipped | NULL | 148 |

| 10118 | 2003-04-21 | 2003-04-29 | 2003-04-26 | Shipped | Customer has worked with some of our vendors in the past and is aware of their MSRP | 216 |

| 10119 | 2003-04-28 | 2003-05-05 | 2003-05-02 | Shipped | NULL | 382 |

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

20 rows in set (0.00 sec)

mysql> select * from orders where status = "In Process";

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

| orderNumber | orderDate | requiredDate | shippedDate | status | comments | customerNumber |

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

| 10420 | 2005-05-29 | 2005-06-07 | NULL | In Process | NULL | 282 |

| 10421 | 2005-05-29 | 2005-06-06 | NULL | In Process | Custom shipping instructions were sent to warehouse | 124 |

| 10422 | 2005-05-30 | 2005-06-11 | NULL | In Process | NULL | 157 |

| 10423 | 2005-05-30 | 2005-06-05 | NULL | In Process | NULL | 314 |

| 10424 | 2005-05-31 | 2005-06-08 | NULL | In Process | NULL | 141 |

| 10425 | 2005-05-31 | 2005-06-07 | NULL | In Process | NULL | 119 |

```
+-------------+------------+--------------+-------------+-----------+--------------------------------------------------+-----------------+
6 rows in set (0.00 sec)


mysql> select * from orders where status = "In process";

+-------------+------------+--------------+-------------+-----------+--------------------------------------------------+-----------------+
| orderNumber | orderDate  | requiredDate | shippedDate | status    | comments                                         | customerNumber |
+-------------+------------+--------------+-------------+-----------+--------------------------------------------------+-----------------+
|       10420 | 2005-05-29 | 2005-06-07   | NULL        | In Process | NULL                                            |            282 |
|       10421 | 2005-05-29 | 2005-06-06   | NULL        | In Process | Custom shipping instructions were sent to warehouse |        124 |
|       10422 | 2005-05-30 | 2005-06-11   | NULL        | In Process | NULL                                            |            157 |
|       10423 | 2005-05-30 | 2005-06-05   | NULL        | In Process | NULL                                            |            314 |
|       10424 | 2005-05-31 | 2005-06-08   | NULL        | In Process | NULL                                            |            141 |
|       10425 | 2005-05-31 | 2005-06-07   | NULL        | In Process | NULL                                            |            119 |
+-------------+------------+--------------+-------------+-----------+--------------------------------------------------+-----------------+
6 rows in set (0.00 sec)


mysql> select * from orders where orderNumber > 10420;

+-------------+------------+--------------+-------------+-----------+--------------------------------------------------+-----------------+
| orderNumber | orderDate  | requiredDate | shippedDate | status    | comments                                         | customerNumber |
+-------------+------------+--------------+-------------+-----------+--------------------------------------------------+-----------------+
|       10421 | 2005-05-29 | 2005-06-06   | NULL        | In Process | Custom shipping instructions were sent to warehouse |        124 |
```

```
|      10422 | 2005-05-30 | 2005-06-11  | NULL      | In Process | NULL                                |
157 |

|      10423 | 2005-05-30 | 2005-06-05  | NULL      | In Process | NULL                                |
314 |

|      10424 | 2005-05-31 | 2005-06-08  | NULL      | In Process | NULL                                |
141 |

|      10425 | 2005-05-31 | 2005-06-07  | NULL      | In Process | NULL                                |
119 |

+-------------+------------+--------------+-------------+-----------+-------------------------------------------------+-----
-----------+
```

5 rows in set (0.07 sec)

mysql> select * from orders where orderNumber > 10420 and orderNumber < 10424;

```
+-------------+------------+--------------+-------------+-----------+-------------------------------------------------+-----
-----------+
| orderNumber | orderDate  | requiredDate | shippedDate | status    | comments
| customerNumber |
+-------------+------------+--------------+-------------+-----------+-------------------------------------------------+-----
-----------+
|      10421 | 2005-05-29 | 2005-06-06  | NULL      | In Process | Custom shipping instructions were
sent to warehouse |        124 |

|      10422 | 2005-05-30 | 2005-06-11  | NULL      | In Process | NULL                                |
157 |

|      10423 | 2005-05-30 | 2005-06-05  | NULL      | In Process | NULL                                |
314 |

+-------------+------------+--------------+-------------+-----------+-------------------------------------------------+-----
-----------+
```

3 rows in set (0.00 sec)

mysql> select * from orders where orderDate > '2005-05-01' and orderDate < '2005-05-15';

```
+-------------+------------+--------------+-------------+----------+--------------------------------------------------------
----------------------------------------------------------------+---------------+
| orderNumber | orderDate  | requiredDate | shippedDate | status   | comments
| customerNumber |
+-------------+------------+--------------+-------------+----------+--------------------------------------------------------
----------------------------------------------------------------+---------------+
```

```
|        10412 | 2005-05-03 | 2005-05-13   | 2005-05-05  | Shipped  | NULL
|         141 |

|        10413 | 2005-05-05 | 2005-05-14   | 2005-05-09  | Shipped  | Customer requested that DHL is
used for this shipping                                      |         175 |

|        10414 | 2005-05-06 | 2005-05-13   | NULL        | On Hold  | Customer credit limit exceeded. Will
ship when a payment is received.                            |         362 |

|        10415 | 2005-05-09 | 2005-05-20   | 2005-05-12  | Disputed | Customer claims the scales of
the models don't match what was discussed. I keep all the paperwork though to prove otherwise |
471 |

|        10416 | 2005-05-10 | 2005-05-16   | 2005-05-14  | Shipped  | NULL
|         386 |

|        10417 | 2005-05-13 | 2005-05-19   | 2005-05-19  | Disputed | Customer doesn't like the colors
and precision of the models.                                |         141 |

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

6 rows in set (0.00 sec)


mysql> select * from orders where comment is null;

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

mysql> select * from orders where comments is null;

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

| orderNumber | orderDate  | requiredDate | shippedDate | status    | comments |
customerNumber |

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

|       10100 | 2003-01-06 | 2003-01-13   | 2003-01-10  | Shipped   | NULL    |         363 |

|       10102 | 2003-01-10 | 2003-01-18   | 2003-01-14  | Shipped   | NULL    |         181 |

|       10103 | 2003-01-29 | 2003-02-07   | 2003-02-02  | Shipped   | NULL    |         121 |

|       10104 | 2003-01-31 | 2003-02-09   | 2003-02-01  | Shipped   | NULL    |         141 |

|       10105 | 2003-02-11 | 2003-02-21   | 2003-02-12  | Shipped   | NULL    |         145 |

|       10106 | 2003-02-17 | 2003-02-24   | 2003-02-21  | Shipped   | NULL    |         278 |

|       10108 | 2003-03-03 | 2003-03-12   | 2003-03-08  | Shipped   | NULL    |         385 |

|       10110 | 2003-03-18 | 2003-03-24   | 2003-03-20  | Shipped   | NULL    |         187 |

|       10111 | 2003-03-25 | 2003-03-31   | 2003-03-30  | Shipped   | NULL    |         129 |

|       10113 | 2003-03-26 | 2003-04-02   | 2003-03-27  | Shipped   | NULL    |         124 |
```

10114	2003-04-01	2003-04-07	2003-04-02	Shipped	NULL	172
10115	2003-04-04	2003-04-12	2003-04-07	Shipped	NULL	424
10116	2003-04-11	2003-04-19	2003-04-13	Shipped	NULL	381
10117	2003-04-16	2003-04-24	2003-04-17	Shipped	NULL	148
10119	2003-04-28	2003-05-05	2003-05-02	Shipped	NULL	382
10120	2003-04-29	2003-05-08	2003-05-01	Shipped	NULL	114
10121	2003-05-07	2003-05-13	2003-05-13	Shipped	NULL	353
10122	2003-05-08	2003-05-16	2003-05-13	Shipped	NULL	350
10123	2003-05-20	2003-05-29	2003-05-22	Shipped	NULL	103
10125	2003-05-21	2003-05-27	2003-05-24	Shipped	NULL	114
10126	2003-05-28	2003-06-07	2003-06-02	Shipped	NULL	458
10128	2003-06-06	2003-06-12	2003-06-11	Shipped	NULL	141
10129	2003-06-12	2003-06-18	2003-06-14	Shipped	NULL	324
10130	2003-06-16	2003-06-24	2003-06-21	Shipped	NULL	198
10131	2003-06-16	2003-06-25	2003-06-21	Shipped	NULL	447
10132	2003-06-25	2003-07-01	2003-06-28	Shipped	NULL	323
10133	2003-06-27	2003-07-04	2003-07-03	Shipped	NULL	141
10134	2003-07-01	2003-07-10	2003-07-05	Shipped	NULL	250
10135	2003-07-02	2003-07-12	2003-07-03	Shipped	NULL	124
10137	2003-07-10	2003-07-20	2003-07-14	Shipped	NULL	353
10138	2003-07-07	2003-07-16	2003-07-13	Shipped	NULL	496
10139	2003-07-16	2003-07-23	2003-07-21	Shipped	NULL	282
10140	2003-07-24	2003-08-02	2003-07-30	Shipped	NULL	161
10141	2003-08-01	2003-08-09	2003-08-04	Shipped	NULL	334
10142	2003-08-08	2003-08-16	2003-08-13	Shipped	NULL	124
10144	2003-08-13	2003-08-21	2003-08-14	Shipped	NULL	381
10145	2003-08-25	2003-09-02	2003-08-31	Shipped	NULL	205
10146	2003-09-03	2003-09-13	2003-09-06	Shipped	NULL	447
10147	2003-09-05	2003-09-12	2003-09-09	Shipped	NULL	379
10149	2003-09-12	2003-09-18	2003-09-17	Shipped	NULL	487
10151	2003-09-21	2003-09-30	2003-09-24	Shipped	NULL	311

10152	2003-09-25	2003-10-03	2003-10-01	Shipped	NULL	333
10153	2003-09-28	2003-10-05	2003-10-03	Shipped	NULL	141
10154	2003-10-02	2003-10-12	2003-10-08	Shipped	NULL	219
10155	2003-10-06	2003-10-13	2003-10-07	Shipped	NULL	186
10156	2003-10-08	2003-10-17	2003-10-11	Shipped	NULL	141
10157	2003-10-09	2003-10-15	2003-10-14	Shipped	NULL	473
10158	2003-10-10	2003-10-18	2003-10-15	Shipped	NULL	121
10159	2003-10-10	2003-10-19	2003-10-16	Shipped	NULL	321
10160	2003-10-11	2003-10-17	2003-10-17	Shipped	NULL	347
10161	2003-10-17	2003-10-25	2003-10-20	Shipped	NULL	227
10162	2003-10-18	2003-10-26	2003-10-19	Shipped	NULL	321
10163	2003-10-20	2003-10-27	2003-10-24	Shipped	NULL	424
10166	2003-10-21	2003-10-30	2003-10-27	Shipped	NULL	462
10168	2003-10-28	2003-11-03	2003-11-01	Shipped	NULL	161
10169	2003-11-04	2003-11-14	2003-11-09	Shipped	NULL	276
10170	2003-11-04	2003-11-12	2003-11-07	Shipped	NULL	452
10171	2003-11-05	2003-11-13	2003-11-07	Shipped	NULL	233
10172	2003-11-05	2003-11-14	2003-11-11	Shipped	NULL	175
10174	2003-11-06	2003-11-15	2003-11-10	Shipped	NULL	333
10175	2003-11-06	2003-11-14	2003-11-09	Shipped	NULL	324
10176	2003-11-06	2003-11-15	2003-11-12	Shipped	NULL	386
10177	2003-11-07	2003-11-17	2003-11-12	Shipped	NULL	344
10180	2003-11-11	2003-11-19	2003-11-14	Shipped	NULL	171
10181	2003-11-12	2003-11-19	2003-11-15	Shipped	NULL	167
10182	2003-11-12	2003-11-21	2003-11-18	Shipped	NULL	124
10184	2003-11-14	2003-11-22	2003-11-20	Shipped	NULL	484
10185	2003-11-14	2003-11-21	2003-11-20	Shipped	NULL	320
10187	2003-11-15	2003-11-24	2003-11-16	Shipped	NULL	211
10188	2003-11-18	2003-11-26	2003-11-24	Shipped	NULL	167
10190	2003-11-19	2003-11-29	2003-11-20	Shipped	NULL	141
10192	2003-11-20	2003-11-29	2003-11-25	Shipped	NULL	363

10193	2003-11-21	2003-11-28	2003-11-27	Shipped	NULL	471
10194	2003-11-25	2003-12-02	2003-11-26	Shipped	NULL	146
10195	2003-11-25	2003-12-01	2003-11-28	Shipped	NULL	319
10196	2003-11-26	2003-12-03	2003-12-01	Shipped	NULL	455
10198	2003-11-27	2003-12-06	2003-12-03	Shipped	NULL	385
10199	2003-12-01	2003-12-10	2003-12-06	Shipped	NULL	475
10200	2003-12-01	2003-12-09	2003-12-06	Shipped	NULL	211
10201	2003-12-01	2003-12-11	2003-12-02	Shipped	NULL	129
10202	2003-12-02	2003-12-09	2003-12-06	Shipped	NULL	357
10203	2003-12-02	2003-12-11	2003-12-07	Shipped	NULL	141
10204	2003-12-02	2003-12-10	2003-12-04	Shipped	NULL	151
10208	2004-01-02	2004-01-11	2004-01-04	Shipped	NULL	146
10209	2004-01-09	2004-01-15	2004-01-12	Shipped	NULL	347
10210	2004-01-12	2004-01-22	2004-01-20	Shipped	NULL	177
10211	2004-01-15	2004-01-25	2004-01-18	Shipped	NULL	406
10212	2004-01-16	2004-01-24	2004-01-18	Shipped	NULL	141
10214	2004-01-26	2004-02-04	2004-01-29	Shipped	NULL	458
10216	2004-02-02	2004-02-10	2004-02-04	Shipped	NULL	256
10217	2004-02-04	2004-02-14	2004-02-06	Shipped	NULL	166
10219	2004-02-10	2004-02-17	2004-02-12	Shipped	NULL	487
10220	2004-02-12	2004-02-19	2004-02-16	Shipped	NULL	189
10221	2004-02-18	2004-02-26	2004-02-19	Shipped	NULL	314
10222	2004-02-19	2004-02-27	2004-02-20	Shipped	NULL	239
10223	2004-02-20	2004-02-29	2004-02-24	Shipped	NULL	114
10225	2004-02-22	2004-03-01	2004-02-24	Shipped	NULL	298
10226	2004-02-26	2004-03-06	2004-03-02	Shipped	NULL	239
10227	2004-03-02	2004-03-12	2004-03-08	Shipped	NULL	146
10228	2004-03-10	2004-03-18	2004-03-13	Shipped	NULL	173
10229	2004-03-11	2004-03-20	2004-03-12	Shipped	NULL	124
10231	2004-03-19	2004-03-26	2004-03-25	Shipped	NULL	344
10232	2004-03-20	2004-03-30	2004-03-25	Shipped	NULL	240

10234	2004-03-30	2004-04-05	2004-04-02	Shipped	NULL	412
10235	2004-04-02	2004-04-12	2004-04-06	Shipped	NULL	260
10236	2004-04-03	2004-04-11	2004-04-08	Shipped	NULL	486
10237	2004-04-05	2004-04-12	2004-04-10	Shipped	NULL	181
10238	2004-04-09	2004-04-16	2004-04-10	Shipped	NULL	145
10239	2004-04-12	2004-04-21	2004-04-17	Shipped	NULL	311
10240	2004-04-13	2004-04-20	2004-04-20	Shipped	NULL	177
10241	2004-04-13	2004-04-20	2004-04-19	Shipped	NULL	209
10243	2004-04-26	2004-05-03	2004-04-28	Shipped	NULL	495
10244	2004-04-29	2004-05-09	2004-05-04	Shipped	NULL	141
10245	2004-05-04	2004-05-12	2004-05-09	Shipped	NULL	455
10246	2004-05-05	2004-05-13	2004-05-06	Shipped	NULL	141
10247	2004-05-05	2004-05-11	2004-05-08	Shipped	NULL	334
10250	2004-05-11	2004-05-19	2004-05-15	Shipped	NULL	450
10251	2004-05-18	2004-05-24	2004-05-24	Shipped	NULL	328
10252	2004-05-26	2004-06-04	2004-05-29	Shipped	NULL	406
10255	2004-06-04	2004-06-12	2004-06-09	Shipped	NULL	209
10256	2004-06-08	2004-06-16	2004-06-10	Shipped	NULL	145
10257	2004-06-14	2004-06-24	2004-06-15	Shipped	NULL	450
10258	2004-06-15	2004-06-25	2004-06-23	Shipped	NULL	398
10259	2004-06-15	2004-06-22	2004-06-17	Shipped	NULL	166
10261	2004-06-17	2004-06-25	2004-06-22	Shipped	NULL	233
10263	2004-06-28	2004-07-04	2004-07-02	Shipped	NULL	175
10265	2004-07-02	2004-07-09	2004-07-07	Shipped	NULL	471
10266	2004-07-06	2004-07-14	2004-07-10	Shipped	NULL	386
10267	2004-07-07	2004-07-17	2004-07-09	Shipped	NULL	151
10268	2004-07-12	2004-07-18	2004-07-14	Shipped	NULL	412
10269	2004-07-16	2004-07-22	2004-07-18	Shipped	NULL	382
10271	2004-07-20	2004-07-29	2004-07-23	Shipped	NULL	124
10272	2004-07-20	2004-07-26	2004-07-22	Shipped	NULL	157
10273	2004-07-21	2004-07-28	2004-07-22	Shipped	NULL	314

10274	2004-07-21	2004-07-29	2004-07-22	Shipped	NULL	379
10275	2004-07-23	2004-08-02	2004-07-29	Shipped	NULL	119
10276	2004-08-02	2004-08-11	2004-08-08	Shipped	NULL	204
10277	2004-08-04	2004-08-12	2004-08-05	Shipped	NULL	148
10278	2004-08-06	2004-08-16	2004-08-09	Shipped	NULL	112
10280	2004-08-17	2004-08-27	2004-08-19	Shipped	NULL	249
10281	2004-08-19	2004-08-28	2004-08-23	Shipped	NULL	157
10282	2004-08-20	2004-08-26	2004-08-22	Shipped	NULL	124
10283	2004-08-20	2004-08-30	2004-08-23	Shipped	NULL	260
10285	2004-08-27	2004-09-04	2004-08-31	Shipped	NULL	286
10286	2004-08-28	2004-09-06	2004-09-01	Shipped	NULL	172
10287	2004-08-30	2004-09-06	2004-09-01	Shipped	NULL	298
10288	2004-09-01	2004-09-11	2004-09-05	Shipped	NULL	166
10290	2004-09-07	2004-09-15	2004-09-13	Shipped	NULL	198
10291	2004-09-08	2004-09-17	2004-09-14	Shipped	NULL	448
10293	2004-09-09	2004-09-18	2004-09-14	Shipped	NULL	249
10294	2004-09-10	2004-09-17	2004-09-14	Shipped	NULL	204
10296	2004-09-15	2004-09-22	2004-09-16	Shipped	NULL	415
10298	2004-09-27	2004-10-05	2004-10-01	Shipped	NULL	103
10299	2004-09-30	2004-10-10	2004-10-01	Shipped	NULL	186
10300	2003-10-04	2003-10-13	2003-10-09	Shipped	NULL	128
10301	2003-10-05	2003-10-15	2003-10-08	Shipped	NULL	299
10302	2003-10-06	2003-10-16	2003-10-07	Shipped	NULL	201
10304	2004-10-11	2004-10-20	2004-10-17	Shipped	NULL	256
10306	2004-10-14	2004-10-21	2004-10-17	Shipped	NULL	187
10307	2004-10-14	2004-10-23	2004-10-20	Shipped	NULL	339
10309	2004-10-15	2004-10-24	2004-10-18	Shipped	NULL	121
10310	2004-10-16	2004-10-24	2004-10-18	Shipped	NULL	259
10312	2004-10-21	2004-10-27	2004-10-23	Shipped	NULL	124
10314	2004-10-22	2004-11-01	2004-10-23	Shipped	NULL	227
10315	2004-10-29	2004-11-08	2004-10-30	Shipped	NULL	119

10317	2004-11-02	2004-11-12	2004-11-08	Shipped	NULL	161
10318	2004-11-02	2004-11-09	2004-11-07	Shipped	NULL	157
10320	2004-11-03	2004-11-13	2004-11-07	Shipped	NULL	144
10321	2004-11-04	2004-11-12	2004-11-07	Shipped	NULL	462
10323	2004-11-05	2004-11-12	2004-11-09	Shipped	NULL	128
10324	2004-11-05	2004-11-11	2004-11-08	Shipped	NULL	181
10325	2004-11-05	2004-11-13	2004-11-08	Shipped	NULL	121
10326	2004-11-09	2004-11-16	2004-11-10	Shipped	NULL	144
10329	2004-11-15	2004-11-24	2004-11-16	Shipped	NULL	131
10330	2004-11-16	2004-11-25	2004-11-21	Shipped	NULL	385
10332	2004-11-17	2004-11-25	2004-11-18	Shipped	NULL	187
10333	2004-11-18	2004-11-27	2004-11-20	Shipped	NULL	129
10335	2004-11-19	2004-11-29	2004-11-23	Shipped	NULL	124
10337	2004-11-21	2004-11-30	2004-11-26	Shipped	NULL	424
10338	2004-11-22	2004-12-02	2004-11-27	Shipped	NULL	381
10339	2004-11-23	2004-11-30	2004-11-30	Shipped	NULL	398
10341	2004-11-24	2004-12-01	2004-11-29	Shipped	NULL	382
10342	2004-11-24	2004-12-01	2004-11-29	Shipped	NULL	114
10343	2004-11-24	2004-12-01	2004-11-26	Shipped	NULL	353
10344	2004-11-25	2004-12-02	2004-11-29	Shipped	NULL	350
10345	2004-11-25	2004-12-01	2004-11-26	Shipped	NULL	103
10346	2004-11-29	2004-12-05	2004-11-30	Shipped	NULL	112
10348	2004-11-01	2004-11-08	2004-11-05	Shipped	NULL	458
10349	2004-12-01	2004-12-07	2004-12-03	Shipped	NULL	151
10350	2004-12-02	2004-12-08	2004-12-05	Shipped	NULL	141
10351	2004-12-03	2004-12-11	2004-12-07	Shipped	NULL	324
10352	2004-12-03	2004-12-12	2004-12-09	Shipped	NULL	198
10353	2004-12-04	2004-12-11	2004-12-05	Shipped	NULL	447
10354	2004-12-04	2004-12-10	2004-12-05	Shipped	NULL	323
10355	2004-12-07	2004-12-14	2004-12-13	Shipped	NULL	141
10356	2004-12-09	2004-12-15	2004-12-12	Shipped	NULL	250

10357	2004-12-10	2004-12-16	2004-12-14	Shipped	NULL	124
10359	2004-12-15	2004-12-23	2004-12-18	Shipped	NULL	353
10360	2004-12-16	2004-12-22	2004-12-18	Shipped	NULL	496
10361	2004-12-17	2004-12-24	2004-12-20	Shipped	NULL	282
10362	2005-01-05	2005-01-16	2005-01-10	Shipped	NULL	161
10363	2005-01-06	2005-01-12	2005-01-10	Shipped	NULL	334
10364	2005-01-06	2005-01-17	2005-01-09	Shipped	NULL	350
10365	2005-01-07	2005-01-18	2005-01-11	Shipped	NULL	320
10366	2005-01-10	2005-01-19	2005-01-12	Shipped	NULL	381
10369	2005-01-20	2005-01-28	2005-01-24	Shipped	NULL	379
10370	2005-01-20	2005-02-01	2005-01-25	Shipped	NULL	276
10371	2005-01-23	2005-02-03	2005-01-25	Shipped	NULL	124
10372	2005-01-26	2005-02-05	2005-01-28	Shipped	NULL	398
10373	2005-01-31	2005-02-08	2005-02-06	Shipped	NULL	311
10374	2005-02-02	2005-02-09	2005-02-03	Shipped	NULL	333
10375	2005-02-03	2005-02-10	2005-02-06	Shipped	NULL	119
10376	2005-02-08	2005-02-18	2005-02-13	Shipped	NULL	219
10378	2005-02-10	2005-02-18	2005-02-11	Shipped	NULL	141
10379	2005-02-10	2005-02-18	2005-02-11	Shipped	NULL	141
10380	2005-02-16	2005-02-24	2005-02-18	Shipped	NULL	141
10381	2005-02-17	2005-02-25	2005-02-18	Shipped	NULL	321
10383	2005-02-22	2005-03-02	2005-02-25	Shipped	NULL	141
10384	2005-02-23	2005-03-06	2005-02-27	Shipped	NULL	321
10385	2005-02-28	2005-03-09	2005-03-01	Shipped	NULL	124
10388	2005-03-03	2005-03-11	2005-03-09	Shipped	NULL	462
10389	2005-03-03	2005-03-09	2005-03-08	Shipped	NULL	448
10391	2005-03-09	2005-03-20	2005-03-15	Shipped	NULL	276
10392	2005-03-10	2005-03-18	2005-03-12	Shipped	NULL	452
10394	2005-03-15	2005-03-25	2005-03-19	Shipped	NULL	141
10396	2005-03-23	2005-04-02	2005-03-28	Shipped	NULL	124
10397	2005-03-28	2005-04-09	2005-04-01	Shipped	NULL	242

| 10398 | 2005-03-30 | 2005-04-09 | 2005-03-31 | Shipped | NULL | 353 |

| 10399 | 2005-04-01 | 2005-04-12 | 2005-04-03 | Shipped | NULL | 496 |

| 10402 | 2005-04-07 | 2005-04-14 | 2005-04-12 | Shipped | NULL | 406 |

| 10403 | 2005-04-08 | 2005-04-18 | 2005-04-11 | Shipped | NULL | 201 |

| 10404 | 2005-04-08 | 2005-04-14 | 2005-04-11 | Shipped | NULL | 323 |

| 10405 | 2005-04-14 | 2005-04-24 | 2005-04-20 | Shipped | NULL | 209 |

| 10408 | 2005-04-22 | 2005-04-29 | 2005-04-27 | Shipped | NULL | 398 |

| 10409 | 2005-04-23 | 2005-05-05 | 2005-04-24 | Shipped | NULL | 166 |

| 10410 | 2005-04-29 | 2005-05-10 | 2005-04-30 | Shipped | NULL | 357 |

| 10411 | 2005-05-01 | 2005-05-08 | 2005-05-06 | Shipped | NULL | 233 |

| 10412 | 2005-05-03 | 2005-05-13 | 2005-05-05 | Shipped | NULL | 141 |

| 10416 | 2005-05-10 | 2005-05-16 | 2005-05-14 | Shipped | NULL | 386 |

| 10418 | 2005-05-16 | 2005-05-24 | 2005-05-20 | Shipped | NULL | 412 |

| 10419 | 2005-05-17 | 2005-05-28 | 2005-05-19 | Shipped | NULL | 382 |

| 10420 | 2005-05-29 | 2005-06-07 | NULL | In Process | NULL | 282 |

| 10422 | 2005-05-30 | 2005-06-11 | NULL | In Process | NULL | 157 |

| 10423 | 2005-05-30 | 2005-06-05 | NULL | In Process | NULL | 314 |

| 10424 | 2005-05-31 | 2005-06-08 | NULL | In Process | NULL | 141 |

| 10425 | 2005-05-31 | 2005-06-07 | NULL | In Process | NULL | 119 |

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

246 rows in set (0.00 sec)

mysql> select * from orders where comments is null limit 10;

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

| orderNumber | orderDate | requiredDate | shippedDate | status | comments | customerNumber |

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

| 10100 | 2003-01-06 | 2003-01-13 | 2003-01-10 | Shipped | NULL | 363 |

| 10102 | 2003-01-10 | 2003-01-18 | 2003-01-14 | Shipped | NULL | 181 |

| 10103 | 2003-01-29 | 2003-02-07 | 2003-02-02 | Shipped | NULL | 121 |

| 10104 | 2003-01-31 | 2003-02-09 | 2003-02-01 | Shipped | NULL | 141 |

10105	2003-02-11	2003-02-21	2003-02-12	Shipped	NULL	145
10106	2003-02-17	2003-02-24	2003-02-21	Shipped	NULL	278
10108	2003-03-03	2003-03-12	2003-03-08	Shipped	NULL	385
10110	2003-03-18	2003-03-24	2003-03-20	Shipped	NULL	187
10111	2003-03-25	2003-03-31	2003-03-30	Shipped	NULL	129
10113	2003-03-26	2003-04-02	2003-03-27	Shipped	NULL	124
+-------------+-----------+-------------+------------+--------+---------+---------------+

10 rows in set (0.00 sec)

mysql> desc employees;

+----------------+--------------+------+-----+---------+-------+
| Field | Type | Null | Key | Default | Extra |
+----------------+--------------+------+-----+---------+-------+
employeeNumber	int	NO	PRI	NULL	
lastName	varchar(50)	NO		NULL	
firstName	varchar(50)	NO		NULL	
extension	varchar(10)	NO		NULL	
email	varchar(100)	NO		NULL	
officeCode	varchar(10)	NO	MUL	NULL	
reportsTo	int	YES	MUL	NULL	
jobTitle	varchar(50)	NO		NULL	
+----------------+--------------+------+-----+---------+-------+

8 rows in set (0.00 sec)

mysql> select * from employees
    -> ;

+----------------+----------+-----------+-----------+------------------------------+------------+-----------+----------------------+
| employeeNumber | lastName | firstName | extension | email | officeCode | reportsTo | jobTitle |
+----------------+----------+-----------+-----------+------------------------------+------------+-----------+----------------------+

1002	Murphy	Diane	x5800	dmurphy@classicmodelcars.com	1	NULL	President
1056	Patterson	Mary	x4611	mpatterso@classicmodelcars.com	1	1002	VP Sales
1076	Firrelli	Jeff	x9273	jfirrelli@classicmodelcars.com	1	1002	VP Marketing
1088	Patterson	William	x4871	wpatterson@classicmodelcars.com	6	1056	Sales Manager (APAC)
1102	Bondur	Gerard	x5408	gbondur@classicmodelcars.com	4	1056	Sale Manager (EMEA)
1143	Bow	Anthony	x5428	abow@classicmodelcars.com	1	1056	Sales Manager (NA)
1165	Jennings	Leslie	x3291	ljennings@classicmodelcars.com	1	1143	Sales Rep
1166	Thompson	Leslie	x4065	lthompson@classicmodelcars.com	1	1143	Sales Rep
1188	Firrelli	Julie	x2173	jfirrelli@classicmodelcars.com	2	1143	Sales Rep
1216	Patterson	Steve	x4334	spatterson@classicmodelcars.com	2	1143	Sales Rep
1286	Tseng	Foon Yue	x2248	ftseng@classicmodelcars.com	3	1143	Sales Rep
1323	Vanauf	George	x4102	gvanauf@classicmodelcars.com	3	1143	Sales Rep
1337	Bondur	Loui	x6493	lbondur@classicmodelcars.com	4	1102	Sales Rep
1370	Hernandez	Gerard	x2028	ghernande@classicmodelcars.com	4	1102	Sales Rep
1401	Castillo	Pamela	x2759	pcastillo@classicmodelcars.com	4	1102	Sales Rep
1501	Bott	Larry	x2311	lbott@classicmodelcars.com	7	1102	Sales Rep
1504	Jones	Barry	x102	bjones@classicmodelcars.com	7	1102	Sales Rep
1611	Fixter	Andy	x101	afixter@classicmodelcars.com	6	1088	Sales Rep
1612	Marsh	Peter	x102	pmarsh@classicmodelcars.com	6	1088	Sales Rep

| 1619 | King | Tom | x103 | tking@classicmodelcars.com | 6 | 1088 | Sales Rep |

| 1621 | Nishi | Mami | x101 | mnishi@classicmodelcars.com | 5 | 1056 | Sales Rep |

| 1625 | Kato | Yoshimi | x102 | ykato@classicmodelcars.com | 5 | 1621 | Sales Rep |

| 1702 | Gerard | Martin | x2312 | mgerard@classicmodelcars.com | 4 | 1102 | Sales Rep |

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

23 rows in set (0.00 sec)

mysql> SELECT OrderNumber FROM OrderDetails

    -> WHERE quantityOrdered=59

    -> AND priceEach>100;

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

| OrderNumber |

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

| 10407 |

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

1 row in set (0.00 sec)

mysql> select count(*) from orders;

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

| count(*) |

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

| 326 |

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

1 row in set (0.13 sec)

mysql> select count(comments) from orders;

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

| count(comments) |

```
+-----------------+
|            80 |
+-----------------+
```
1 row in set (0.00 sec)

mysql> select count(*) from orders where comments is not null;
```
+----------+
| count(*) |
+----------+
|       80 |
+----------+
```
1 row in set (0.00 sec)

mysql> select count(distinct status) from orders;
```
+-----------------------+
| count(distinct status) |
+-----------------------+
|                     6 |
+-----------------------+
```
1 row in set (0.13 sec)

mysql> show tables;
```
+------------------------+
| Tables_in_classicmodels |
+------------------------+
| customers           |
| employees           |
| offices             |
| orderdetails        |
| orders              |
| payments            |
```

```
| productlines          |

| products             |

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

8 rows in set (0.00 sec)


mysql> select * from psyments where limit 10;

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 'limit 10' at line 1

mysql> select * from payments where limit 10;

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 'limit 10' at line 1

mysql> show classicmodels;

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 'classicmodels' at line 1

mysql> show databases;

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

| Database           |

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

| classicmodels      |

| information_schema |

| mysql              |

| performance_schema |

| school             |

| sys                |

| university         |

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

7 rows in set (0.00 sec)


mysql> desc payments;

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

| Field          | Type         | Null | Key | Default | Extra |

+----------------+--------------+------+-----+---------+-------+
```

```
| customerNumber | int        | NO  | PRI | NULL    |       |
| checkNumber    | varchar(50) | NO  | PRI | NULL    |       |
| paymentDate    | date       | NO  |     | NULL    |       |
| amount         | decimal(10,2) | NO  |     | NULL    |       |
+----------------+--------------+------+-----+---------+-------+
4 rows in set (0.00 sec)


mysql> select * from payments limit 10;
+----------------+-------------+-------------+----------+
| customerNumber | checkNumber | paymentDate | amount   |
+----------------+-------------+-------------+----------+
|            103 | HQ336336    | 2004-10-19  | 6066.78  |
|            103 | JM555205    | 2003-06-05  | 14571.44 |
|            103 | OM314933    | 2004-12-18  | 1676.14  |
|            112 | BO864823    | 2004-12-17  | 14191.12 |
|            112 | HQ55022     | 2003-06-06  | 32641.98 |
|            112 | ND748579    | 2004-08-20  | 33347.88 |
|            114 | GG31455     | 2003-05-20  | 45864.03 |
|            114 | MA765515    | 2004-12-15  | 82261.22 |
|            114 | NP603840    | 2003-05-31  | 7565.08  |
|            114 | NR27552     | 2004-03-10  | 44894.74 |
+----------------+-------------+-------------+----------+
10 rows in set (0.00 sec)


mysql> select avg(amount) from payments;
+--------------+
| avg(amount)  |
+--------------+
| 32431.645531 |
+--------------+
1 row in set (0.00 sec)
```

```
mysql> select avg(amount) from payments where amount > 20000;

+--------------+
| avg(amount)  |
+--------------+
| 41518.313795 |
+--------------+
1 row in set (0.00 sec)


mysql> select min(amount) from payments;

+-------------+
| min(amount) |
+-------------+
|      615.45 |
+-------------+
1 row in set (0.00 sec)


mysql> select max(amount) from payments;

+-------------+
| max(amount) |
+-------------+
|   120166.58 |
+-------------+
1 row in set (0.00 sec)


mysql> select count(distinct country) from customers;

+-------------------------+
| count(distinct country) |
+-------------------------+
|                      27 |
+-------------------------+
```

1 row in set (0.00 sec)

mysql> select count(*) from customers where quantityOrdered > 50;

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

mysql> select count(*) from orderdetails where quantityOrdered > 50;

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

| count(*) |

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

| 66 |

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

1 row in set (0.00 sec)

mysql> select SUM(*) from payments where paymentDate > '2002-01-01' and paymentDate < '2003-01-01';

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 payments where paymentDate > '2002-01-01' and paymentDate < '2003-01-01'' at line 1

mysql> select SUM(payment) from payments where paymentDate > '2002-01-01' and paymentDate < '2003-01-01';

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

mysql> select SUM(payments) from payments where paymentDate > '2002-01-01' and paymentDate < '2003-01-01';

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

mysql> show payments;

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 'payments' at line 1

mysql> desc payments;

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

| Field | Type | Null | Key | Default | Extra |

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

| customerNumber | int | NO | PRI | NULL | |

| checkNumber | varchar(50) | NO | PRI | NULL | |

| paymentDate | date | NO | | NULL | |

```
| amount      | decimal(10,2) | NO  |     | NULL    |       |
+---------------+---------------+------+-----+---------+-------+
```

4 rows in set (0.00 sec)

mysql> show table payments;

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 'payments' at line 1

mysql> select SUM(amount) from payments where paymentDate > '2002-01-01' and paymentDate < '2003-01-01';

```
+-------------+
| SUM(amount) |
+-------------+
|        NULL |
+-------------+
```

1 row in set (0.00 sec)

mysql> SELECT SUM(quantityInStock) FROM products where productLine='Motorcycles';

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 '?Motorcycles?' at line 1

mysql> SELECT SUM(quantityInStock) FROM products where productLine='Motorcycle';

```
+----------------------+
| SUM(quantityInStock) |
+----------------------+
|                 NULL |
+----------------------+
```

1 row in set (0.00 sec)

mysql> desc products;

```
+--------------------+---------------+------+-----+---------+-------+
| Field              | Type          | Null | Key | Default | Extra |
+--------------------+---------------+------+-----+---------+-------+
| productCode        | varchar(15)   | NO   | PRI | NULL    |       |
```

```
| productName        | varchar(70)  | NO  |     | NULL    |      |
| productLine        | varchar(50)  | NO  | MUL | NULL    |      |
| productScale       | varchar(10)  | NO  |     | NULL    |      |
| productVendor      | varchar(50)  | NO  |     | NULL    |      |
| productDescription | text         | NO  |     | NULL    |      |
| quantityInStock    | smallint     | NO  |     | NULL    |      |
| buyPrice           | decimal(10,2)| NO  |     | NULL    |      |
| MSRP               | decimal(10,2)| NO  |     | NULL    |      |
+--------------------+--------------+-----+-----+---------+------+
9 rows in set (0.00 sec)


mysql> select sum(quantityInStock) from products where productLine = 'Motorcycles';
+----------------------+
| sum(quantityInStock) |
+----------------------+
|                69401 |
+----------------------+
1 row in set (0.00 sec)


mysql> show databases;
+--------------------+
| Database           |
+--------------------+
| classicmodels      |
| information_schema |
| mysql              |
| performance_schema |
| school             |
| sys                |
| university         |
+--------------------+
```

7 rows in set (0.00 sec)

mysql> use school;

Database changed

mysql> update faculty set Salary = 50000;

Query OK, 2 rows affected (0.02 sec)

Rows matched: 2 Changed: 2 Warnings: 0

mysql> select * from faculty;

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

| Faculty_ID | Name | Course | Salary |

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

| 101 | ABC | HINDI | 50000 |

| 102 | XYZ | Maths | 50000 |

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

2 rows in set (0.00 sec)

mysql> update faculty set Salary = 50000 where faculty_id = 101;

Query OK, 0 rows affected (0.00 sec)

Rows matched: 1 Changed: 0 Warnings: 0

mysql> select * from faculty;

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

| Faculty_ID | Name | Course | Salary |

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

| 101 | ABC | HINDI | 50000 |

| 102 | XYZ | Maths | 50000 |

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

2 rows in set (0.00 sec)

mysql> update faculty set Salary = 10000 where faculty_id = 101;

Query OK, 1 row affected (0.01 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> select * from faculty;

```
+------------+------+--------+--------+
| Faculty_ID | Name | Course | Salary |
+------------+------+--------+--------+
|        101 | ABC  | HINDI  |  10000 |
|        102 | XYZ  | Maths  |  50000 |
+------------+------+--------+--------+
```

2 rows in set (0.00 sec)

mysql> delete from faculty where salary = 10000;

Query OK, 1 row affected (0.01 sec)

mysql> select * from faculty;

```
+------------+------+--------+--------+
| Faculty_ID | Name | Course | Salary |
+------------+------+--------+--------+
|        102 | XYZ  | Maths  |  50000 |
+------------+------+--------+--------+
```

1 row in set (0.00 sec)

mysql> truncate faculty;

Query OK, 0 rows affected (0.21 sec)

mysql> drop table faculty;

Query OK, 0 rows affected (0.03 sec)

mysql> select * from faculty;

ERROR 1146 (42S02): Table 'school.faculty' doesn't exist

mysql> drop database school;

Query OK, 3 rows affected (0.07 sec)

mysql> show databases;

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

| Database |

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

| classicmodels |

| information_schema |

| mysql |

| performance_schema |

| sys |

| university |

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

6 rows in set (0.00 sec)

mysql>

2-++

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

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

Your MySQL connection id is 12

Server version: 8.0.29 MySQL Community Server - GPL

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owners.

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

```
mysql> show databases;

+--------------------+
| Database           |
+--------------------+
| classicmodels      |
| information_schema |
| mysql              |
| performance_schema |
| sys                |
| university         |
+--------------------+
6 rows in set (0.00 sec)


mysql> use classicmodels;
Database changed
mysql> desc customers;

+------------------------+--------------+------+-----+---------+-------+
| Field                  | Type         | Null | Key | Default | Extra |
+------------------------+--------------+------+-----+---------+-------+
| customerNumber         | int          | NO   | PRI | NULL    |       |
| customerName           | varchar(50)  | NO   |     | NULL    |       |
| contactLastName        | varchar(50)  | NO   |     | NULL    |       |
| contactFirstName       | varchar(50)  | NO   |     | NULL    |       |
| phone                  | varchar(50)  | NO   |     | NULL    |       |
| addressLine1           | varchar(50)  | NO   |     | NULL    |       |
| addressLine2           | varchar(50)  | YES  |     | NULL    |       |
| city                   | varchar(50)  | NO   |     | NULL    |       |
| state                  | varchar(50)  | YES  |     | NULL    |       |
| postalCode             | varchar(15)  | YES  |     | NULL    |       |
| country                | varchar(50)  | NO   |     | NULL    |       |
```

```
| salesRepEmployeeNumber | int         | YES | MUL | NULL |     |
| creditLimit            | decimal(10,2) | YES |     | NULL |     |
+-----------------------+--------------+------+-----+--------+-------+
```
13 rows in set (0.00 sec)

mysql> select customerNumber,contactFirstName,city,state,country,creditLimit from customers;

```
+----------------+------------------+------------------+--------------+--------------+-------------+
| customerNumber | contactFirstName | city            | state        | country      | creditLimit |
+----------------+------------------+------------------+--------------+--------------+-------------+
|            103 | Carine           | Nantes          | NULL         | France       |    21000.00 |
|            112 | Jean             | Las Vegas       | NV           | USA          |    71800.00 |
|            114 | Peter            | Melbourne       | Victoria     | Australia    |   117300.00 |
|            119 | Janine           | Nantes          | NULL         | France       |   118200.00 |
|            121 | Jonas            | Stavern         | NULL         | Norway       |    81700.00 |
|            124 | Susan            | San Rafael      | CA           | USA          |   210500.00 |
|            125 | Zbyszek          | Warszawa        | NULL         | Poland       |        0.00 |
|            128 | Roland           | Frankfurt       | NULL         | Germany      |    59700.00 |
|            129 | Julie            | San Francisco   | CA           | USA          |    64600.00 |
|            131 | Kwai             | NYC             | NY           | USA          |   114900.00 |
|            141 | Diego            | Madrid          | NULL         | Spain        |   227600.00 |
|            144 | Christina        | Luleå           | NULL         | Sweden       |    53100.00 |
|            145 | Jytte            | Kobenhavn       | NULL         | Denmark      |    83400.00 |
|            146 | Mary             | Lyon            | NULL         | France       |   123900.00 |
|            148 | Eric             | Singapore       | NULL         | Singapore    |   103800.00 |
|            151 | Jeff             | NYC             | NY           | USA          |   138500.00 |
|            157 | Kelvin           | Allentown       | PA           | USA          |   100600.00 |
|            161 | Juri             | Burlingame      | CA           | USA          |    84600.00 |
|            166 | Wendy            | Singapore       | NULL         | Singapore    |    97900.00 |
|            167 | Veysel           | Bergen          | NULL         | Norway       |    96800.00 |
|            168 | Keith            | New Haven       | CT           | USA          |        0.00 |
|            169 | Isabel           | Lisboa          | NULL         | Portugal     |        0.00 |
```

171	Martine	Lille	NULL	France	82900.00
172	Marie	Paris	NULL	France	84300.00
173	Jerry	Cambridge	MA	USA	43400.00
175	Julie	Bridgewater	CT	USA	84300.00
177	Mory	Kita-ku	Osaka	Japan	81200.00
181	Michael	NYC	NY	USA	76400.00
186	Matti	Helsinki	NULL	Finland	96500.00
187	Rachel	Manchester	NULL	UK	136800.00
189	Dean	Dublin	NULL	Ireland	69400.00
198	Leslie	Brickhaven	MA	USA	23000.00
201	Elizabeth	Liverpool	NULL	UK	92700.00
202	Yoshi	Vancouver	BC	Canada	90300.00
204	Miguel	Brickhaven	MA	USA	68700.00
205	Julie	Pasadena	CA	USA	90700.00
206	Brydey	Singapore	NULL	Singapore	0.00
209	Frédérique	Strasbourg	NULL	France	53800.00
211	Mike	Central Hong Kong	NULL	Hong Kong	58600.00
216	Eduardo	Barcelona	NULL	Spain	60300.00
219	Mary	Glendale	CA	USA	11000.00
223	Horst	Cunewalde	NULL	Germany	0.00
227	Palle	Århus	NULL	Denmark	120800.00
233	Jean	Montréal	Québec	Canada	48700.00
237	Alejandra	Madrid	NULL	Spain	0.00
239	Valarie	San Diego	CA	USA	105000.00
240	Helen	Cowes	Isle of Wight	UK	93900.00
242	Annette	Toulouse	NULL	France	61100.00
247	Renate	Frankfurt	NULL	Germany	0.00
249	Paolo	Torino	NULL	Italy	113000.00
250	Daniel	Paris	NULL	France	68100.00
256	Daniel	Versailles	NULL	France	77900.00
259	Henriette	Köln	NULL	Germany	120400.00

	260	Elizabeth	Tsawassen	BC	Canada	89600.00
	273	Peter	München	NULL	Germany	0.00
	276	Anna	North Sydney	NSW	Australia	107800.00
	278	Giovanni	Bergamo	NULL	Italy	119600.00
	282	Adrian	Chatswood	NSW	Australia	93300.00
	286	Marta	Cambridge	MA	USA	123700.00
	293	Ed	Fribourg	NULL	Switzerland	0.00
	298	Mihael	Genève	NULL	Switzerland	141300.00
	299	Jan	Oslo	NULL	Norway	95100.00
	303	Bradley	Amsterdam	NULL	Netherlands	0.00
	307	Mel	Berlin	NULL	Germany	0.00
	311	Pirkko	Oulu	NULL	Finland	90500.00
	314	Catherine	Bruxelles	NULL	Belgium	79900.00
	319	Steve	White Plains	NY	USA	102700.00
	320	Wing	New Bedford	MA	USA	94500.00
	321	Julie	San Francisco	CA	USA	105000.00
	323	Mike	Auckland	NULL	New Zealand	88000.00
	324	Ann	London	NULL	UK	77000.00
	328	William	Newark	NJ	USA	43000.00
	333	Ben	South Brisbane	Queensland	Australia	51600.00
	334	Kalle	Espoo	NULL	Finland	98800.00
	335	Philip	Brandenburg	NULL	Germany	0.00
	339	Francisca	Philadelphia	PA	USA	81100.00
	344	Jesus	Madrid	NULL	Spain	59600.00
	347	Brian	Los Angeles	CA	USA	57700.00
	348	Patricia	Cork	Co. Cork	Ireland	0.00
	350	Laurence	Marseille	NULL	France	65000.00
	353	Paul	Reims	NULL	France	81100.00
	356	Armand	Hatfield	Pretoria	South Africa	0.00
	357	Wales	Auckland	NULL	New Zealand	77700.00
	361	Karin	Münster	NULL	Germany	0.00

362	Juri	Boston	MA	USA	41900.00
363	Dorothy	Nashua	NH	USA	114200.00
369	Lino	Lisboa	NULL	Portugal	0.00
376	Braun	Bern	NULL	Switzerland	0.00
379	Allen	Brickhaven	MA	USA	70700.00
381	Pascale	Charleroi	NULL	Belgium	23500.00
382	Georg	Salzburg	NULL	Austria	71700.00
385	Arnold	Makati City	NULL	Philippines	81500.00
386	Maurizio	Reggio Emilia	NULL	Italy	121400.00
398	Akiko	Minato-ku	Tokyo	Japan	94400.00
406	Dominique	Paris	NULL	France	95000.00
409	Rita	Stuttgart	NULL	Germany	0.00
412	Sarah	Wellington	NULL	New Zealand	86800.00
415	Michael	Munich	NULL	Germany	77000.00
424	Maria	NYC	NY	USA	67500.00
443	Alexander	Leipzig	NULL	Germany	0.00
447	Dan	Glendale	CT	USA	49700.00
448	Martha	Bräcke	NULL	Sweden	116400.00
450	Sue	San Jose	CA	USA	77600.00
452	Roland	Graz	NULL	Austria	45300.00
455	Leslie	New Haven	CT	USA	95400.00
456	Yu	NYC	NY	USA	39800.00
458	Martín	Madrid	NULL	Spain	104600.00
459	Sven	Aachen	NULL	Germany	0.00
462	Violeta	New Bedford	MA	USA	85800.00
465	Carmen	Madrid	NULL	Spain	0.00
471	Sean	Glen Waverly	Victoria	Australia	60300.00
473	Franco	Milan	NULL	Italy	34800.00
475	Steve	Burbank	CA	USA	55400.00
477	Hanna	Mannheim	NULL	Germany	0.00
480	Alexander	Saint Petersburg	NULL	Russia	0.00

```
|             481 | Raanan       | Herzlia       | NULL      | Israel       |        0.00 |
|             484 | José Pedro   | Sevilla       | NULL      | Spain        |    65700.00 |
|             486 | Rosa         | Philadelphia  | PA        | USA          |    72600.00 |
|             487 | Sue          | Brisbane      | CA        | USA          |    60300.00 |
|             489 | Thomas       | London        | NULL      | UK           |    43300.00 |
|             495 | Valarie      | Boston        | MA        | USA          |    85100.00 |
|             496 | Tony         | Auckland      | NULL      | New Zealand  |   110000.00 |
+-----------------+--------------+---------------+-----------+--------------+-------------+
122 rows in set (0.00 sec)


mysql> select customerName, country from customers;
+----------------------------------+--------------+
| customerName                     | country      |
+----------------------------------+--------------+
| Atelier graphique                | France       |
| Signal Gift Stores               | USA          |
| Australian Collectors, Co.       | Australia    |
| La Rochelle Gifts                | France       |
| Baane Mini Imports               | Norway       |
| Mini Gifts Distributors Ltd.     | USA          |
| Havel & Zbyszek Co               | Poland       |
| Blauer See Auto, Co.             | Germany      |
| Mini Wheels Co.                  | USA          |
| Land of Toys Inc.                | USA          |
| Euro+ Shopping Channel           | Spain        |
| Volvo Model Replicas, Co         | Sweden       |
| Danish Wholesale Imports         | Denmark      |
| Saveley & Henriot, Co.           | France       |
| Dragon Souveniers, Ltd.          | Singapore    |
| Muscle Machine Inc               | USA          |
| Diecast Classics Inc.            | USA          |
```

Technics Stores Inc.	USA
Handji Gifts& Co	Singapore
Herkku Gifts	Norway
American Souvenirs Inc	USA
Porto Imports Co.	Portugal
Daedalus Designs Imports	France
La Corne D'abondance, Co.	France
Cambridge Collectables Co.	USA
Gift Depot Inc.	USA
Osaka Souveniers Co.	Japan
Vitachrome Inc.	USA
Toys of Finland, Co.	Finland
AV Stores, Co.	UK
Clover Collections, Co.	Ireland
Auto-Moto Classics Inc.	USA
UK Collectables, Ltd.	UK
Canadian Gift Exchange Network	Canada
Online Mini Collectables	USA
Toys4GrownUps.com	USA
Asian Shopping Network, Co	Singapore
Mini Caravy	France
King Kong Collectables, Co.	Hong Kong
Enaco Distributors	Spain
Boards & Toys Co.	USA
Natürlich Autos	Germany
Heintze Collectables	Denmark
Québec Home Shopping Network	Canada
ANG Resellers	Spain
Collectable Mini Designs Co.	USA
giftsbymail.co.uk	UK
Alpha Cognac	France

Messner Shopping Network	Germany
Amica Models & Co.	Italy
Lyon Souveniers	France
Auto Associés & Cie.	France
Toms Spezialitäten, Ltd	Germany
Royal Canadian Collectables, Ltd.	Canada
Franken Gifts, Co	Germany
Anna's Decorations, Ltd	Australia
Rovelli Gifts	Italy
Souveniers And Things Co.	Australia
Marta's Replicas Co.	USA
BG&E Collectables	Switzerland
Vida Sport, Ltd	Switzerland
Norway Gifts By Mail, Co.	Norway
Schuyler Imports	Netherlands
Der Hund Imports	Germany
Oulu Toy Supplies, Inc.	Finland
Petit Auto	Belgium
Mini Classics	USA
Mini Creations Ltd.	USA
Corporate Gift Ideas Co.	USA
Down Under Souveniers, Inc	New Zealand
Stylish Desk Decors, Co.	UK
Tekni Collectables Inc.	USA
Australian Gift Network, Co	Australia
Suominen Souveniers	Finland
Cramer Spezialitäten, Ltd	Germany
Classic Gift Ideas, Inc	USA
CAF Imports	Spain
Men 'R' US Retailers, Ltd.	USA
Asian Treasures, Inc.	Ireland

Marseille Mini Autos	France
Reims Collectables	France
SAR Distributors, Co	South Africa
GiftsForHim.com	New Zealand
Kommission Auto	Germany
Gifts4AllAges.com	USA
Online Diecast Creations Co.	USA
Lisboa Souveniers, Inc	Portugal
Precious Collectables	Switzerland
Collectables For Less Inc.	USA
Royale Belge	Belgium
Salzburg Collectables	Austria
Cruz & Sons Co.	Philippines
L'ordine Souveniers	Italy
Tokyo Collectables, Ltd	Japan
Auto Canal+ Petit	France
Stuttgart Collectable Exchange	Germany
Extreme Desk Decorations, Ltd	New Zealand
Bavarian Collectables Imports, Co.	Germany
Classic Legends Inc.	USA
Feuer Online Stores, Inc	Germany
Gift Ideas Corp.	USA
Scandinavian Gift Ideas	Sweden
The Sharp Gifts Warehouse	USA
Mini Auto Werke	Austria
Super Scale Inc.	USA
Microscale Inc.	USA
Corrida Auto Replicas, Ltd	Spain
Warburg Exchange	Germany
FunGiftIdeas.com	USA
Anton Designs, Ltd.	Spain

| Australian Collectables, Ltd | Australia |

| Frau da Collezione | Italy |

| West Coast Collectables Co. | USA |

| Mit Vergnügen & Co. | Germany |

| Kremlin Collectables, Co. | Russia |

| Raanan Stores, Inc | Israel |

| Iberia Gift Imports, Corp. | Spain |

| Motor Mint Distributors Inc. | USA |

| Signal Collectibles Ltd. | USA |

| Double Decker Gift Stores, Ltd | UK |

| Diecast Collectables | USA |

| Kelly's Gift Shop | New Zealand |

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

122 rows in set (0.00 sec)

mysql> select customerName, country from customers groupby country;

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 'country' at line 1

mysql> select customerName, country from customers group by country;

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

| customerName | country |

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

| Atelier graphique | France |

| Signal Gift Stores | USA |

| Australian Collectors, Co. | Australia |

| Baane Mini Imports | Norway |

| Havel & Zbyszek Co | Poland |

| Blauer See Auto, Co. | Germany |

| Euro+ Shopping Channel | Spain |

| Volvo Model Replicas, Co | Sweden |

| Danish Wholesale Imports | Denmark |

```
| Dragon Souveniers, Ltd.      | Singapore    |
| Porto Imports Co.            | Portugal     |
| Osaka Souveniers Co.         | Japan        |
| Toys of Finland, Co.         | Finland      |
| AV Stores, Co.               | UK           |
| Clover Collections, Co.      | Ireland      |
| Canadian Gift Exchange Network | Canada     |
| King Kong Collectables, Co.  | Hong Kong    |
| Amica Models & Co.           | Italy        |
| BG&E Collectables            | Switzerland  |
| Schuyler Imports             | Netherlands  |
| Petit Auto                   | Belgium      |
| Down Under Souveniers, Inc   | New Zealand  |
| SAR Distributors, Co         | South Africa |
| Salzburg Collectables        | Austria      |
| Cruz & Sons Co.              | Philippines  |
| Kremlin Collectables, Co.    | Russia       |
| Raanan Stores, Inc           | Israel       |
+------------------------------+--------------+
27 rows in set (0.00 sec)


mysql> select count(*) from customers;
+----------+
| count(*) |
+----------+
|      122 |
+----------+
1 row in set (0.00 sec)


mysql> select count(*) from customers where country = "USA";
+----------+
```

```
| count(*) |

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

|      36 |

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

1 row in set (0.00 sec)


mysql> select count(*) from customers where country = "USA" group by country;

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

| count(*) |

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

|      36 |

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

1 row in set (0.00 sec)


mysql> select count(*) from customers group by country;

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

| count(*) |

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

|      12 |

|      36 |

|       5 |

|       3 |

|       1 |

|      13 |

|       7 |

|       2 |

|       2 |

|       3 |

|       2 |

|       2 |

|       3 |
```

```
|        5 |
|        2 |
|        3 |
|        1 |
|        4 |
|        3 |
|        1 |
|        2 |
|        4 |
|        1 |
|        2 |
|        1 |
|        1 |
|        1 |
+----------+
27 rows in set (0.00 sec)


mysql> select country,count(*) from customers group by country;
+--------------+----------+
| country      | count(*) |
+--------------+----------+
| France       |      12 |
| USA          |      36 |
| Australia    |       5 |
| Norway       |       3 |
| Poland       |       1 |
| Germany      |      13 |
| Spain        |       7 |
| Sweden       |       2 |
| Denmark      |       2 |
| Singapore    |       3 |
```

| Portugal | 2 |

| Japan | 2 |

| Finland | 3 |

| UK | 5 |

| Ireland | 2 |

| Canada | 3 |

| Hong Kong | 1 |

| Italy | 4 |

| Switzerland | 3 |

| Netherlands | 1 |

| Belgium | 2 |

| New Zealand | 4 |

| South Africa | 1 |

| Austria | 2 |

| Philippines | 1 |

| Russia | 1 |

| Israel | 1 |

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

27 rows in set (0.00 sec)

mysql> select state,count(*) from customers group by state;

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

| state | count(*) |

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

| NULL | 73 |

| NV | 1 |

| Victoria | 2 |

| CA | 11 |

| NY | 6 |

| PA | 3 |

| CT | 4 |

```
| MA          |    9 |
| Osaka       |    1 |
| BC          |    2 |
| Québec      |    1 |
| Isle of Wight |   1 |
| NSW         |    2 |
| NJ          |    1 |
| Queensland  |    1 |
| Co. Cork    |    1 |
| Pretoria    |    1 |
| NH          |    1 |
| Tokyo       |    1 |
+---------------+----------+
19 rows in set (0.00 sec)


mysql> select state,country,count(*) from customers group by state;
+---------------+--------------+----------+
| state       | country     | count(*) |
+---------------+--------------+----------+
| NULL        | France      |    73 |
| NV          | USA         |    1 |
| Victoria    | Australia   |    2 |
| CA          | USA         |   11 |
| NY          | USA         |    6 |
| PA          | USA         |    3 |
| CT          | USA         |    4 |
| MA          | USA         |    9 |
| Osaka       | Japan       |    1 |
| BC          | Canada      |    2 |
| Québec      | Canada      |    1 |
| Isle of Wight | UK        |    1 |
```

```
| NSW          | Australia    |      2 |
| NJ           | USA          |      1 |
| Queensland   | Australia    |      1 |
| Co. Cork     | Ireland      |      1 |
| Pretoria     | South Africa |      1 |
| NH           | USA          |      1 |
| Tokyo        | Japan        |      1 |
+--------------+--------------+--------+
19 rows in set (0.00 sec)


mysql> select state country,count(*) from customers group by state;
+--------------+----------+
| country      | count(*) |
+--------------+----------+
| NULL         |       73 |
| NV           |        1 |
| Victoria     |        2 |
| CA           |       11 |
| NY           |        6 |
| PA           |        3 |
| CT           |        4 |
| MA           |        9 |
| Osaka        |        1 |
| BC           |        2 |
| Québec       |        1 |
| Isle of Wight |       1 |
| NSW          |        2 |
| NJ           |        1 |
| Queensland   |        1 |
| Co. Cork     |        1 |
| Pretoria     |        1 |
```

```
| NH         |       1 |
| Tokyo      |       1 |
+---------------+----------+
```

19 rows in set (0.00 sec)

mysql> select state country,count(*) from customers group by country;

```
+----------+----------+
| country  | count(*) |
+----------+----------+
| NULL     |      12 |
| NV       |      36 |
| Victoria |       5 |
| NULL     |       3 |
| NULL     |       1 |
| NULL     |      13 |
| NULL     |       7 |
| NULL     |       2 |
| NULL     |       2 |
| NULL     |       3 |
| NULL     |       2 |
| Osaka    |       2 |
| NULL     |       3 |
| NULL     |       5 |
| NULL     |       2 |
| BC       |       3 |
| NULL     |       1 |
| NULL     |       4 |
| NULL     |       3 |
| NULL     |       1 |
| NULL     |       2 |
| NULL     |       4 |
```

| Pretoria | 1 |

| NULL | 2 |

| NULL | 1 |

| NULL | 1 |

| NULL | 1 |

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

27 rows in set, 1 warning (0.00 sec)

mysql> select state from customers where country = "Australia";

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

| state |

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

| Victoria |

| NSW |

| NSW |

| Queensland |

| Victoria |

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

5 rows in set (0.00 sec)

mysql> select sum(quantityordered) from orderdetails;

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

| sum(quantityordered) |

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

| 105516 |

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

1 row in set (0.00 sec)

mysql> select orderNumber,sum(quantityordered) from orderdetails;

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

| orderNumber | sum(quantityordered) |

```
+-------------+---------------------+
|    10100 |          105516 |
+-------------+---------------------+
1 row in set (0.00 sec)


mysql> select orderNumber,sum(quantityordered) from orderdetails where orderNumber = 10425;
+-------------+---------------------+
| orderNumber | sum(quantityordered) |
+-------------+---------------------+
|    10425 |           427 |
+-------------+---------------------+
1 row in set (0.00 sec)


mysql> select orderNumber,sum(quantityordered) from orderdetails where orderNumber = 10425
group by ordernumber;
+-------------+---------------------+
| orderNumber | sum(quantityordered) |
+-------------+---------------------+
|    10425 |           427 |
+-------------+---------------------+
1 row in set (0.00 sec)


mysql> select * from orderdetails;
+-------------+------------+----------------+-----------+----------------+
| orderNumber | productCode | quantityOrdered | priceEach | orderLineNumber |
+-------------+------------+----------------+-----------+----------------+
|    10100 | S18_1749  |         30 | 136.00 |         3 |
|    10100 | S18_2248  |         50 |  55.09 |         2 |
|    10100 | S18_4409  |         22 |  75.46 |         4 |
|    10100 | S24_3969  |         49 |  35.29 |         1 |
|    10101 | S18_2325  |         25 | 108.06 |         4 |
```

10101	S18_2795	26	167.06	1
10101	S24_1937	45	32.53	3
10101	S24_2022	46	44.35	2
10102	S18_1342	39	95.55	2
10102	S18_1367	41	43.13	1
10103	S10_1949	26	214.30	11
10103	S10_4962	42	119.67	4
10103	S12_1666	27	121.64	8
10103	S18_1097	35	94.50	10
10103	S18_2432	22	58.34	2
10103	S18_2949	27	92.19	12
10103	S18_2957	35	61.84	14
10103	S18_3136	25	86.92	13
10103	S18_3320	46	86.31	16
10103	S18_4600	36	98.07	5
10103	S18_4668	41	40.75	9
10103	S24_2300	36	107.34	1
10103	S24_4258	25	88.62	15
10103	S32_1268	31	92.46	3
10103	S32_3522	45	63.35	7
10103	S700_2824	42	94.07	6
10104	S12_3148	34	131.44	1
10104	S12_4473	41	111.39	9
10104	S18_2238	24	135.90	8
10104	S18_2319	29	122.73	12
10104	S18_3232	23	165.95	13
10104	S18_4027	38	119.20	3
10104	S24_1444	35	52.02	6
10104	S24_2840	44	30.41	10
10104	S24_4048	26	106.45	5
10104	S32_2509	35	51.95	11

	10104	S32_3207		49	56.55	4
	10104	S50_1392		33	114.59	7
	10104	S50_1514		32	53.31	2
	10105	S10_4757		50	127.84	2
	10105	S12_1108		41	205.72	15
	10105	S12_3891		29	141.88	14
	10105	S18_3140		22	136.59	11
	10105	S18_3259		38	87.73	13
	10105	S18_4522		41	75.48	10
	10105	S24_2011		43	117.97	9
	10105	S24_3151		44	73.46	4
	10105	S24_3816		50	75.47	1
	10105	S700_1138		41	54.00	5
	10105	S700_1938		29	86.61	12
	10105	S700_2610		31	60.72	3
	10105	S700_3505		39	92.16	6
	10105	S700_3962		22	99.31	7
	10105	S72_3212		25	44.77	8
	10106	S18_1662		36	134.04	12
	10106	S18_2581		34	81.10	2
	10106	S18_3029		41	80.86	18
	10106	S18_3856		41	94.22	17
	10106	S24_1785		28	107.23	4
	10106	S24_2841		49	65.77	13
	10106	S24_3420		31	55.89	14
	10106	S24_3949		50	55.96	11
	10106	S24_4278		26	71.00	3
	10106	S32_4289		33	65.35	5
	10106	S50_1341		39	35.78	6
	10106	S700_1691		31	91.34	7
	10106	S700_2047		30	85.09	16

10106	S700_2466	34	99.72	9
10106	S700_2834	32	113.90	1
10106	S700_3167	44	76.00	8
10106	S700_4002	48	70.33	10
10106	S72_1253	48	43.70	15
10107	S10_1678	30	81.35	2
10107	S10_2016	39	105.86	5
10107	S10_4698	27	172.36	4
10107	S12_2823	21	122.00	1
10107	S18_2625	29	52.70	6
10107	S24_1578	25	96.92	3
10107	S24_2000	38	73.12	7
10107	S32_1374	20	88.90	8
10108	S12_1099	33	165.38	6
10108	S12_3380	45	96.30	4
10108	S12_3990	39	75.81	7
10108	S12_4675	36	107.10	3
10108	S18_1889	38	67.76	2
10108	S18_3278	26	73.17	9
10108	S18_3482	29	132.29	8
10108	S18_3782	43	52.84	12
10108	S18_4721	44	139.87	11
10108	S24_2360	35	64.41	15
10108	S24_3371	30	60.01	5
10108	S24_3856	40	132.00	1
10108	S24_4620	31	67.10	10
10108	S32_2206	27	36.21	13
10108	S32_4485	31	87.76	16
10108	S50_4713	34	74.85	14
10109	S18_1129	26	117.48	4
10109	S18_1984	38	137.98	3

10109	S18_2870	26	126.72	1
10109	S18_3232	46	160.87	5
10109	S18_3685	47	125.74	2
10109	S24_2972	29	32.10	6
10110	S18_1589	37	118.22	16
10110	S18_1749	42	153.00	7
10110	S18_2248	32	51.46	6
10110	S18_2325	33	115.69	4
10110	S18_2795	31	163.69	1
10110	S18_4409	28	81.91	8
10110	S18_4933	42	62.00	9
10110	S24_1046	36	72.02	13
10110	S24_1628	29	43.27	15
10110	S24_1937	20	28.88	3
10110	S24_2022	39	40.77	2
10110	S24_2766	43	82.69	11
10110	S24_2887	46	112.74	10
10110	S24_3191	27	80.47	12
10110	S24_3432	37	96.37	14
10110	S24_3969	48	35.29	5
10111	S18_1342	33	87.33	6
10111	S18_1367	48	48.52	5
10111	S18_2957	28	53.09	2
10111	S18_3136	43	94.25	1
10111	S18_3320	39	91.27	4
10111	S24_4258	26	85.70	3
10112	S10_1949	29	197.16	1
10112	S18_2949	23	85.10	2
10113	S12_1666	21	121.64	2
10113	S18_1097	49	101.50	4
10113	S18_4668	50	43.27	3

10113	S32_3522	23	58.82	1
10114	S10_4962	31	128.53	8
10114	S18_2319	39	106.78	3
10114	S18_2432	45	53.48	6
10114	S18_3232	48	169.34	4
10114	S18_4600	41	105.34	9
10114	S24_2300	21	102.23	5
10114	S24_2840	24	28.64	1
10114	S32_1268	32	88.61	7
10114	S32_2509	28	43.83	2
10114	S700_2824	42	82.94	10
10115	S12_4473	46	111.39	5
10115	S18_2238	46	140.81	4
10115	S24_1444	47	56.64	2
10115	S24_4048	44	106.45	1
10115	S50_1392	27	100.70	3
10116	S32_3207	27	60.28	1
10117	S12_1108	33	195.33	9
10117	S12_3148	43	148.06	10
10117	S12_3891	39	173.02	8
10117	S18_3140	26	121.57	5
10117	S18_3259	21	81.68	7
10117	S18_4027	22	122.08	12
10117	S18_4522	23	73.73	4
10117	S24_2011	41	119.20	3
10117	S50_1514	21	55.65	11
10117	S700_1938	38	75.35	6
10117	S700_3962	45	89.38	1
10117	S72_3212	50	52.42	2
10118	S700_3505	36	86.15	1
10119	S10_4757	46	112.88	11

	10119	S18_1662		43	151.38	3
	10119	S18_3029		21	74.84	9
	10119	S18_3856		27	95.28	8
	10119	S24_2841		41	64.40	4
	10119	S24_3151		35	72.58	13
	10119	S24_3420		20	63.12	5
	10119	S24_3816		35	82.18	10
	10119	S24_3949		28	62.10	2
	10119	S700_1138		25	57.34	14
	10119	S700_2047		29	74.23	7
	10119	S700_2610		38	67.22	12
	10119	S700_4002		26	63.67	1
	10119	S72_1253		28	40.22	6
	10120	S10_2016		29	118.94	3
	10120	S10_4698		46	158.80	2
	10120	S18_2581		29	82.79	8
	10120	S18_2625		46	57.54	4
	10120	S24_1578		35	110.45	1
	10120	S24_1785		39	93.01	10
	10120	S24_2000		34	72.36	5
	10120	S24_4278		29	71.73	9
	10120	S32_1374		22	94.90	6
	10120	S32_4289		29	68.79	11
	10120	S50_1341		49	41.46	12
	10120	S700_1691		47	91.34	13
	10120	S700_2466		24	81.77	15
	10120	S700_2834		24	106.79	7
	10120	S700_3167		43	72.00	14
	10121	S10_1678		34	86.13	5
	10121	S12_2823		50	126.52	4
	10121	S24_2360		32	58.18	2

10121	S32_4485	25	95.93	3
10121	S50_4713	44	72.41	1
10122	S12_1099	42	155.66	10
10122	S12_3380	37	113.92	8
10122	S12_3990	32	65.44	11
10122	S12_4675	20	104.80	7
10122	S18_1129	34	114.65	2
10122	S18_1889	43	62.37	6
10122	S18_1984	31	113.80	1
10122	S18_3232	25	137.17	3
10122	S18_3278	21	69.15	13
10122	S18_3482	21	133.76	12
10122	S18_3782	35	59.06	16
10122	S18_4721	28	145.82	15
10122	S24_2972	39	34.74	4
10122	S24_3371	34	50.82	9
10122	S24_3856	43	136.22	5
10122	S24_4620	29	67.10	14
10122	S32_2206	31	33.79	17
10123	S18_1589	26	120.71	2
10123	S18_2870	46	114.84	3
10123	S18_3685	34	117.26	4
10123	S24_1628	50	43.27	1
10124	S18_1749	21	153.00	6
10124	S18_2248	42	58.12	5
10124	S18_2325	42	111.87	3
10124	S18_4409	36	75.46	7
10124	S18_4933	23	66.28	8
10124	S24_1046	22	62.47	12
10124	S24_1937	45	30.53	2
10124	S24_2022	22	36.29	1

10124	S24_2766	32	74.51	10
10124	S24_2887	25	93.95	9
10124	S24_3191	49	76.19	11
10124	S24_3432	43	101.73	13
10124	S24_3969	46	36.11	4
10125	S18_1342	32	89.38	1
10125	S18_2795	34	138.38	2
10126	S10_1949	38	205.73	11
10126	S10_4962	22	122.62	4
10126	S12_1666	21	135.30	8
10126	S18_1097	38	116.67	10
10126	S18_1367	42	51.21	17
10126	S18_2432	43	51.05	2
10126	S18_2949	31	93.21	12
10126	S18_2957	46	61.84	14
10126	S18_3136	30	93.20	13
10126	S18_3320	38	94.25	16
10126	S18_4600	50	102.92	5
10126	S18_4668	43	47.29	9
10126	S24_2300	27	122.68	1
10126	S24_4258	34	83.76	15
10126	S32_1268	43	82.83	3
10126	S32_3522	26	62.05	7
10126	S700_2824	45	97.10	6
10127	S12_1108	46	193.25	2
10127	S12_3148	46	140.50	3
10127	S12_3891	42	169.56	1
10127	S12_4473	24	100.73	11
10127	S18_2238	45	140.81	10
10127	S18_2319	45	114.14	14
10127	S18_3232	22	149.02	15

10127	S18_4027	25	126.39	5
10127	S24_1444	20	50.86	8
10127	S24_2840	39	34.30	12
10127	S24_4048	20	107.63	7
10127	S32_2509	45	46.53	13
10127	S32_3207	29	60.90	6
10127	S50_1392	46	111.12	9
10127	S50_1514	46	55.65	4
10128	S18_3140	41	120.20	2
10128	S18_3259	41	80.67	4
10128	S18_4522	43	77.24	1
10128	S700_1938	32	72.75	3
10129	S10_4757	33	123.76	2
10129	S24_2011	45	113.06	9
10129	S24_3151	41	81.43	4
10129	S24_3816	50	76.31	1
10129	S700_1138	31	58.67	5
10129	S700_2610	45	72.28	3
10129	S700_3505	42	90.15	6
10129	S700_3962	30	94.34	7
10129	S72_3212	32	44.23	8
10130	S18_3029	40	68.82	2
10130	S18_3856	33	99.52	1
10131	S18_1662	21	141.92	4
10131	S24_2841	35	60.97	5
10131	S24_3420	29	52.60	6
10131	S24_3949	50	54.59	3
10131	S700_2047	22	76.94	8
10131	S700_2466	40	86.76	1
10131	S700_4002	26	63.67	2
10131	S72_1253	21	40.22	7

10132	S700_3167	36	80.00	1
10133	S18_2581	49	80.26	3
10133	S24_1785	41	109.42	5
10133	S24_4278	46	61.58	4
10133	S32_1374	23	80.91	1
10133	S32_4289	49	67.41	6
10133	S50_1341	27	37.09	7
10133	S700_1691	24	76.73	8
10133	S700_2834	27	115.09	2
10134	S10_1678	41	90.92	2
10134	S10_2016	27	116.56	5
10134	S10_4698	31	187.85	4
10134	S12_2823	20	131.04	1
10134	S18_2625	30	51.48	6
10134	S24_1578	35	94.67	3
10134	S24_2000	43	75.41	7
10135	S12_1099	42	173.17	7
10135	S12_3380	48	110.39	5
10135	S12_3990	24	72.62	8
10135	S12_4675	29	103.64	4
10135	S18_1889	48	66.99	3
10135	S18_3278	45	65.94	10
10135	S18_3482	42	139.64	9
10135	S18_3782	45	49.74	13
10135	S18_4721	31	133.92	12
10135	S24_2360	29	67.18	16
10135	S24_2972	20	34.36	1
10135	S24_3371	27	52.05	6
10135	S24_3856	47	139.03	2
10135	S24_4620	23	76.80	11
10135	S32_2206	33	38.62	14

	10135	S32_4485		30	91.85	17
	10135	S50_4713		44	78.92	15
	10136	S18_1129		25	117.48	2
	10136	S18_1984		36	120.91	1
	10136	S18_3232		41	169.34	3
	10137	S18_1589		44	115.73	2
	10137	S18_2870		37	110.88	3
	10137	S18_3685		31	118.68	4
	10137	S24_1628		26	40.25	1
	10138	S18_1749		33	149.60	6
	10138	S18_2248		22	51.46	5
	10138	S18_2325		38	114.42	3
	10138	S18_4409		47	79.15	7
	10138	S18_4933		23	64.86	8
	10138	S24_1046		45	59.53	12
	10138	S24_1937		22	33.19	2
	10138	S24_2022		33	38.53	1
	10138	S24_2766		28	73.60	10
	10138	S24_2887		30	96.30	9
	10138	S24_3191		49	77.05	11
	10138	S24_3432		21	99.58	13
	10138	S24_3969		29	32.82	4
	10139	S18_1342		31	89.38	7
	10139	S18_1367		49	52.83	6
	10139	S18_2795		41	151.88	8
	10139	S18_2949		46	91.18	1
	10139	S18_2957		20	52.47	3
	10139	S18_3136		20	101.58	2
	10139	S18_3320		30	81.35	5
	10139	S24_4258		29	93.49	4
	10140	S10_1949		37	186.44	11

	10140	S10_4962		26	131.49	4
	10140	S12_1666		38	118.90	8
	10140	S18_1097		32	95.67	10
	10140	S18_2432		46	51.05	2
	10140	S18_4600		40	100.50	5
	10140	S18_4668		29	40.25	9
	10140	S24_2300		47	118.84	1
	10140	S32_1268		26	87.64	3
	10140	S32_3522		28	62.05	7
	10140	S700_2824		36	101.15	6
	10141	S12_4473		21	114.95	5
	10141	S18_2238		39	160.46	4
	10141	S18_2319		47	103.09	8
	10141	S18_3232		34	143.94	9
	10141	S24_1444		20	50.86	2
	10141	S24_2840		21	32.18	6
	10141	S24_4048		40	104.09	1
	10141	S32_2509		24	53.03	7
	10141	S50_1392		44	94.92	3
	10142	S12_1108		33	166.24	12
	10142	S12_3148		33	140.50	13
	10142	S12_3891		46	167.83	11
	10142	S18_3140		47	129.76	8
	10142	S18_3259		22	95.80	10
	10142	S18_4027		24	122.08	15
	10142	S18_4522		24	79.87	7
	10142	S24_2011		33	114.29	6
	10142	S24_3151		49	74.35	1
	10142	S32_3207		42	60.90	16
	10142	S50_1514		42	56.24	14
	10142	S700_1138		41	55.34	2

10142	S700_1938	43	77.08	9
10142	S700_3505	21	92.16	3
10142	S700_3962	38	91.37	4
10142	S72_3212	39	46.96	5
10143	S10_4757	49	133.28	15
10143	S18_1662	32	126.15	7
10143	S18_3029	46	70.54	13
10143	S18_3856	34	99.52	12
10143	S24_2841	27	63.71	8
10143	S24_3420	33	59.83	9
10143	S24_3816	23	74.64	14
10143	S24_3949	28	55.96	6
10143	S50_1341	34	34.91	1
10143	S700_1691	36	86.77	2
10143	S700_2047	26	87.80	11
10143	S700_2466	26	79.78	4
10143	S700_2610	31	69.39	16
10143	S700_3167	28	70.40	3
10143	S700_4002	34	65.15	5
10143	S72_1253	37	49.66	10
10144	S32_4289	20	56.41	1
10145	S10_1678	45	76.56	6
10145	S10_2016	37	104.67	9
10145	S10_4698	33	154.93	8
10145	S12_2823	49	146.10	5
10145	S18_2581	30	71.81	14
10145	S18_2625	30	52.70	10
10145	S24_1578	43	103.68	7
10145	S24_1785	40	87.54	16
10145	S24_2000	47	63.98	11
10145	S24_2360	27	56.10	3

	10145	S24_4278		33	71.73		15
	10145	S32_1374		33	99.89		12
	10145	S32_2206		31	39.43		1
	10145	S32_4485		27	95.93		4
	10145	S50_4713		38	73.22		2
	10145	S700_2834		20	113.90		13
	10146	S18_3782		47	60.30		2
	10146	S18_4721		29	130.94		1
	10147	S12_1099		48	161.49		7
	10147	S12_3380		31	110.39		5
	10147	S12_3990		21	74.21		8
	10147	S12_4675		33	97.89		4
	10147	S18_1889		26	70.84		3
	10147	S18_3278		36	74.78		10
	10147	S18_3482		37	129.35		9
	10147	S24_2972		25	33.23		1
	10147	S24_3371		30	48.98		6
	10147	S24_3856		23	123.58		2
	10147	S24_4620		31	72.76		11
	10148	S18_1129		23	114.65		13
	10148	S18_1589		47	108.26		9
	10148	S18_1984		25	136.56		12
	10148	S18_2870		27	113.52		10
	10148	S18_3232		32	143.94		14
	10148	S18_3685		28	135.63		11
	10148	S18_4409		34	83.75		1
	10148	S18_4933		29	66.28		2
	10148	S24_1046		25	65.41		6
	10148	S24_1628		47	46.29		8
	10148	S24_2766		21	77.24		4
	10148	S24_2887		34	115.09		3

10148	S24_3191		31	71.91		5
10148	S24_3432		27	96.37		7
10149	S18_1342		50	87.33		4
10149	S18_1367		30	48.52		3
10149	S18_1749		34	156.40		11
10149	S18_2248		24	50.85		10
10149	S18_2325		33	125.86		8
10149	S18_2795		23	167.06		5
10149	S18_3320		42	89.29		2
10149	S24_1937		36	31.20		7
10149	S24_2022		49	39.87		6
10149	S24_3969		26	38.57		9
10149	S24_4258		20	90.57		1
10150	S10_1949		45	182.16		8
10150	S10_4962		20	121.15		1
10150	S12_1666		30	135.30		5
10150	S18_1097		34	95.67		7
10150	S18_2949		47	93.21		9
10150	S18_2957		30	56.21		11
10150	S18_3136		26	97.39		10
10150	S18_4600		49	111.39		2
10150	S18_4668		30	47.29		6
10150	S32_3522		49	62.05		4
10150	S700_2824		20	95.08		3
10151	S12_4473		24	114.95		3
10151	S18_2238		43	152.27		2
10151	S18_2319		49	106.78		6
10151	S18_2432		39	58.34		9
10151	S18_3232		21	167.65		7
10151	S24_2300		42	109.90		8
10151	S24_2840		30	29.35		4

10151	S32_1268	27	84.75	10
10151	S32_2509	41	43.29	5
10151	S50_1392	26	108.81	1
10152	S18_4027	35	117.77	1
10152	S24_1444	25	49.13	4
10152	S24_4048	23	112.37	3
10152	S32_3207	33	57.17	2
10153	S12_1108	20	201.57	11
10153	S12_3148	42	128.42	12
10153	S12_3891	49	155.72	10
10153	S18_3140	31	125.66	7
10153	S18_3259	29	82.69	9
10153	S18_4522	22	82.50	6
10153	S24_2011	40	111.83	5
10153	S50_1514	31	53.31	13
10153	S700_1138	43	58.00	1
10153	S700_1938	31	80.55	8
10153	S700_3505	50	87.15	2
10153	S700_3962	20	85.41	3
10153	S72_3212	50	51.87	4
10154	S24_3151	31	75.23	2
10154	S700_2610	36	59.27	1
10155	S10_4757	32	129.20	13
10155	S18_1662	38	138.77	5
10155	S18_3029	44	83.44	11
10155	S18_3856	29	105.87	10
10155	S24_2841	23	62.34	6
10155	S24_3420	34	56.55	7
10155	S24_3816	37	76.31	12
10155	S24_3949	44	58.69	4
10155	S700_2047	32	89.61	9

	10155	S700_2466		20	87.75		2
	10155	S700_3167		43	76.80		1
	10155	S700_4002		44	70.33		3
	10155	S72_1253		34	49.16		8
	10156	S50_1341		20	43.64		1
	10156	S700_1691		48	77.64		2
	10157	S18_2581		33	69.27		3
	10157	S24_1785		40	89.72		5
	10157	S24_4278		33	66.65		4
	10157	S32_1374		34	83.91		1
	10157	S32_4289		28	56.41		6
	10157	S700_2834		48	109.16		2
	10158	S24_2000		22	67.79		1
	10159	S10_1678		49	81.35		14
	10159	S10_2016		37	101.10		17
	10159	S10_4698		22	170.42		16
	10159	S12_1099		41	188.73		2
	10159	S12_2823		38	131.04		13
	10159	S12_3990		24	67.03		3
	10159	S18_2625		42	51.48		18
	10159	S18_3278		21	66.74		5
	10159	S18_3482		25	129.35		4
	10159	S18_3782		21	54.71		8
	10159	S18_4721		32	142.85		7
	10159	S24_1578		44	100.30		15
	10159	S24_2360		27	67.18		11
	10159	S24_3371		50	49.60		1
	10159	S24_4620		23	80.84		6
	10159	S32_2206		35	39.43		9
	10159	S32_4485		23	86.74		12
	10159	S50_4713		31	78.11		10

10160	S12_3380	46	96.30	6
10160	S12_4675	50	93.28	5
10160	S18_1889	38	70.84	4
10160	S18_3232	20	140.55	1
10160	S24_2972	42	30.59	2
10160	S24_3856	35	130.60	3
10161	S18_1129	28	121.72	12
10161	S18_1589	43	102.04	8
10161	S18_1984	48	139.41	11
10161	S18_2870	23	125.40	9
10161	S18_3685	36	132.80	10
10161	S18_4933	25	62.72	1
10161	S24_1046	37	73.49	5
10161	S24_1628	23	47.29	7
10161	S24_2766	20	82.69	3
10161	S24_2887	25	108.04	2
10161	S24_3191	20	72.77	4
10161	S24_3432	30	94.23	6
10162	S18_1342	48	87.33	2
10162	S18_1367	45	45.28	1
10162	S18_1749	29	141.10	9
10162	S18_2248	27	53.28	8
10162	S18_2325	38	113.15	6
10162	S18_2795	48	156.94	3
10162	S18_4409	39	86.51	10
10162	S24_1937	37	27.55	5
10162	S24_2022	43	38.98	4
10162	S24_3969	37	32.82	7
10163	S10_1949	21	212.16	1
10163	S18_2949	31	101.31	2
10163	S18_2957	48	59.96	4

	10163	S18_3136		40	101.58	3
10163	S18_3320		43	80.36	6
10163	S24_4258		42	96.42	5
10164	S10_4962		21	143.31	2
10164	S12_1666		49	121.64	6
10164	S18_1097		36	103.84	8
10164	S18_4600		45	107.76	3
10164	S18_4668		25	46.29	7
10164	S32_1268		24	91.49	1
10164	S32_3522		49	57.53	5
10164	S700_2824		39	86.99	4
10165	S12_1108		44	168.32	3
10165	S12_3148		34	123.89	4
10165	S12_3891		27	152.26	2
10165	S12_4473		48	109.02	12
10165	S18_2238		29	134.26	11
10165	S18_2319		46	120.28	15
10165	S18_2432		31	60.77	18
10165	S18_3232		47	154.10	16
10165	S18_3259		50	84.71	1
10165	S18_4027		28	123.51	6
10165	S24_1444		25	46.82	9
10165	S24_2300		32	117.57	17
10165	S24_2840		27	31.12	13
10165	S24_4048		24	106.45	8
10165	S32_2509		48	50.86	14
10165	S32_3207		44	55.30	7
10165	S50_1392		48	106.49	10
10165	S50_1514		38	49.21	5
10166	S18_3140		43	136.59	2
10166	S18_4522		26	72.85	1

10166	S700_1938	29	76.22	3
10167	S10_4757	44	123.76	9
10167	S18_1662	43	141.92	1
10167	S18_3029	46	69.68	7
10167	S18_3856	34	84.70	6
10167	S24_2011	33	110.60	16
10167	S24_2841	21	54.81	2
10167	S24_3151	20	77.00	11
10167	S24_3420	32	64.44	3
10167	S24_3816	29	73.80	8
10167	S700_1138	43	66.00	12
10167	S700_2047	29	87.80	5
10167	S700_2610	46	62.16	10
10167	S700_3505	24	85.14	13
10167	S700_3962	28	83.42	14
10167	S72_1253	40	42.71	4
10167	S72_3212	38	43.68	15
10168	S10_1678	36	94.74	1
10168	S10_2016	27	97.53	4
10168	S10_4698	20	160.74	3
10168	S18_2581	21	75.19	9
10168	S18_2625	46	49.06	5
10168	S24_1578	50	103.68	2
10168	S24_1785	49	93.01	11
10168	S24_2000	29	72.36	6
10168	S24_3949	27	57.32	18
10168	S24_4278	48	68.10	10
10168	S32_1374	28	89.90	7
10168	S32_4289	31	57.78	12
10168	S50_1341	48	39.71	13
10168	S700_1691	28	91.34	14

	10168	S700_2466		31	87.75		16
	10168	S700_2834		36	94.92		8
	10168	S700_3167		48	72.00		15
	10168	S700_4002		39	67.37		17
	10169	S12_1099		30	163.44		2
	10169	S12_2823		35	126.52		13
	10169	S12_3990		36	71.82		3
	10169	S18_3278		32	65.13		5
	10169	S18_3482		36	136.70		4
	10169	S18_3782		38	52.84		8
	10169	S18_4721		33	120.53		7
	10169	S24_2360		38	66.49		11
	10169	S24_3371		34	53.27		1
	10169	S24_4620		24	77.61		6
	10169	S32_2206		26	37.01		9
	10169	S32_4485		34	83.68		12
	10169	S50_4713		48	75.66		10
	10170	S12_3380		47	116.27		4
	10170	S12_4675		41	93.28		3
	10170	S18_1889		20	70.07		2
	10170	S24_3856		34	130.60		1
	10171	S18_1129		35	134.46		2
	10171	S18_1984		35	128.03		1
	10171	S18_3232		39	165.95		3
	10171	S24_2972		36	34.74		4
	10172	S18_1589		42	109.51		6
	10172	S18_2870		39	117.48		7
	10172	S18_3685		48	139.87		8
	10172	S24_1046		32	61.00		3
	10172	S24_1628		34	43.27		5
	10172	S24_2766		22	79.97		1

	10172	S24_3191		24	77.91		2
	10172	S24_3432		22	87.81		4
	10173	S18_1342		43	101.71		6
	10173	S18_1367		48	51.75		5
	10173	S18_1749		24	168.30		13
	10173	S18_2248		26	55.09		12
	10173	S18_2325		31	127.13		10
	10173	S18_2795		22	140.06		7
	10173	S18_2957		28	56.84		2
	10173	S18_3136		31	86.92		1
	10173	S18_3320		29	90.28		4
	10173	S18_4409		21	77.31		14
	10173	S18_4933		39	58.44		15
	10173	S24_1937		31	29.87		9
	10173	S24_2022		27	39.42		8
	10173	S24_2887		23	98.65		16
	10173	S24_3969		35	35.70		11
	10173	S24_4258		22	93.49		3
	10174	S10_1949		34	207.87		4
	10174	S12_1666		43	113.44		1
	10174	S18_1097		48	108.50		3
	10174	S18_2949		46	100.30		5
	10174	S18_4668		49	44.27		2
	10175	S10_4962		33	119.67		9
	10175	S12_4473		26	109.02		1
	10175	S18_2319		48	101.87		4
	10175	S18_2432		41	59.55		7
	10175	S18_3232		29	150.71		5
	10175	S18_4600		47	102.92		10
	10175	S24_2300		28	121.40		6
	10175	S24_2840		37	32.18		2

10175	S32_1268	22	89.57	8
10175	S32_2509	50	50.86	3
10175	S32_3522	29	56.24	12
10175	S700_2824	42	80.92	11
10176	S12_1108	33	166.24	2
10176	S12_3148	47	145.04	3
10176	S12_3891	50	160.91	1
10176	S18_2238	20	139.17	10
10176	S18_4027	36	140.75	5
10176	S24_1444	27	55.49	8
10176	S24_4048	29	101.72	7
10176	S32_3207	22	62.14	6
10176	S50_1392	23	109.96	9
10176	S50_1514	38	52.14	4
10177	S18_3140	23	113.37	9
10177	S18_3259	29	92.77	11
10177	S18_4522	35	82.50	8
10177	S24_2011	50	115.52	7
10177	S24_3151	45	79.66	2
10177	S700_1138	24	58.67	3
10177	S700_1938	31	77.95	10
10177	S700_2610	32	64.33	1
10177	S700_3505	44	88.15	4
10177	S700_3962	24	83.42	5
10177	S72_3212	40	52.96	6
10178	S10_4757	24	131.92	12
10178	S18_1662	42	127.73	4
10178	S18_3029	41	70.54	10
10178	S18_3856	48	104.81	9
10178	S24_2841	34	67.82	5
10178	S24_3420	27	65.75	6

10178	S24_3816	21	68.77	11
10178	S24_3949	30	64.15	3
10178	S700_2047	34	86.90	8
10178	S700_2466	22	91.74	1
10178	S700_4002	45	68.11	2
10178	S72_1253	45	41.71	7
10179	S18_2581	24	82.79	3
10179	S24_1785	47	105.04	5
10179	S24_4278	27	66.65	4
10179	S32_1374	45	86.90	1
10179	S32_4289	24	63.97	6
10179	S50_1341	34	43.20	7
10179	S700_1691	23	75.81	8
10179	S700_2834	25	98.48	2
10179	S700_3167	39	80.00	9
10180	S10_1678	29	76.56	9
10180	S10_2016	42	99.91	12
10180	S10_4698	41	164.61	11
10180	S12_2823	40	131.04	8
10180	S18_2625	25	48.46	13
10180	S18_3782	21	59.06	3
10180	S18_4721	44	147.31	2
10180	S24_1578	48	98.05	10
10180	S24_2000	28	61.70	14
10180	S24_2360	35	60.95	6
10180	S24_4620	28	68.71	1
10180	S32_2206	34	33.39	4
10180	S32_4485	22	102.05	7
10180	S50_4713	21	74.85	5
10181	S12_1099	27	155.66	14
10181	S12_3380	28	113.92	12

	10181	S12_3990		20	67.03		15
	10181	S12_4675		36	107.10		11
	10181	S18_1129		44	124.56		6
	10181	S18_1589		42	124.44		2
	10181	S18_1889		22	74.69		10
	10181	S18_1984		21	129.45		5
	10181	S18_2870		27	130.68		3
	10181	S18_3232		45	147.33		7
	10181	S18_3278		30	73.17		17
	10181	S18_3482		22	120.53		16
	10181	S18_3685		39	137.04		4
	10181	S24_1628		34	45.28		1
	10181	S24_2972		37	32.85		8
	10181	S24_3371		23	54.49		13
	10181	S24_3856		25	122.17		9
	10182	S18_1342		25	83.22		3
	10182	S18_1367		32	44.21		2
	10182	S18_1749		44	159.80		10
	10182	S18_2248		38	54.49		9
	10182	S18_2325		20	105.52		7
	10182	S18_2795		21	135.00		4
	10182	S18_3320		33	86.31		1
	10182	S18_4409		36	88.35		11
	10182	S18_4933		44	61.29		12
	10182	S24_1046		47	63.20		16
	10182	S24_1937		39	31.86		6
	10182	S24_2022		31	39.87		5
	10182	S24_2766		36	87.24		14
	10182	S24_2887		20	116.27		13
	10182	S24_3191		33	73.62		15
	10182	S24_3432		49	95.30		17

10182	S24_3969	23	34.88	8
10183	S10_1949	23	180.01	8
10183	S10_4962	28	127.06	1
10183	S12_1666	41	114.80	5
10183	S18_1097	21	108.50	7
10183	S18_2949	37	91.18	9
10183	S18_2957	39	51.22	11
10183	S18_3136	22	90.06	10
10183	S18_4600	21	118.66	2
10183	S18_4668	40	42.26	6
10183	S24_4258	47	81.81	12
10183	S32_3522	49	52.36	4
10183	S700_2824	23	85.98	3
10184	S12_4473	37	105.47	6
10184	S18_2238	46	145.72	5
10184	S18_2319	46	119.05	9
10184	S18_2432	44	60.77	12
10184	S18_3232	28	165.95	10
10184	S24_1444	31	57.22	3
10184	S24_2300	24	117.57	11
10184	S24_2840	42	30.06	7
10184	S24_4048	49	114.73	2
10184	S32_1268	46	84.75	13
10184	S32_2509	33	52.49	8
10184	S32_3207	48	59.03	1
10184	S50_1392	45	92.60	4
10185	S12_1108	21	195.33	13
10185	S12_3148	33	146.55	14
10185	S12_3891	43	147.07	12
10185	S18_3140	28	124.30	9
10185	S18_3259	49	94.79	11

	10185	S18_4027		39	127.82		16
	10185	S18_4522		47	87.77		8
	10185	S24_2011		30	105.69		7
	10185	S24_3151		33	83.20		2
	10185	S50_1514		20	46.86		15
	10185	S700_1138		21	64.67		3
	10185	S700_1938		30	79.68		10
	10185	S700_2610		39	61.44		1
	10185	S700_3505		37	99.17		4
	10185	S700_3962		22	93.35		5
	10185	S72_3212		28	47.50		6
	10186	S10_4757		26	108.80		9
	10186	S18_1662		32	137.19		1
	10186	S18_3029		32	73.12		7
	10186	S18_3856		46	98.46		6
	10186	S24_2841		22	60.29		2
	10186	S24_3420		21	59.83		3
	10186	S24_3816		36	68.77		8
	10186	S700_2047		24	80.56		5
	10186	S72_1253		28	42.71		4
	10187	S18_2581		45	70.12		1
	10187	S24_1785		46	96.29		3
	10187	S24_3949		43	55.96		10
	10187	S24_4278		33	64.48		2
	10187	S32_4289		31	61.22		4
	10187	S50_1341		41	39.71		5
	10187	S700_1691		34	84.95		6
	10187	S700_2466		44	95.73		8
	10187	S700_3167		34	72.00		7
	10187	S700_4002		44	70.33		9
	10188	S10_1678		48	95.70		1

10188	S10_2016	38	111.80	4
10188	S10_4698	45	182.04	3
10188	S18_2625	32	52.09	5
10188	S24_1578	25	95.80	2
10188	S24_2000	40	61.70	6
10188	S32_1374	44	81.91	7
10188	S700_2834	29	96.11	8
10189	S12_2823	28	138.57	1
10190	S24_2360	42	58.87	3
10190	S32_2206	46	38.62	1
10190	S32_4485	42	89.80	4
10190	S50_4713	40	67.53	2
10191	S12_1099	21	155.66	3
10191	S12_3380	40	104.52	1
10191	S12_3990	30	70.22	4
10191	S18_3278	36	75.59	6
10191	S18_3482	23	119.06	5
10191	S18_3782	43	60.93	9
10191	S18_4721	32	136.90	8
10191	S24_3371	48	53.27	2
10191	S24_4620	44	77.61	7
10192	S12_4675	27	99.04	16
10192	S18_1129	22	140.12	11
10192	S18_1589	29	100.80	7
10192	S18_1889	45	70.84	15
10192	S18_1984	47	128.03	10
10192	S18_2870	38	110.88	8
10192	S18_3232	26	137.17	12
10192	S18_3685	45	125.74	9
10192	S24_1046	37	72.02	4
10192	S24_1628	47	49.30	6

	10192	S24_2766		46	86.33		2
	10192	S24_2887		23	112.74		1
	10192	S24_2972		30	33.23		13
	10192	S24_3191		32	69.34		3
	10192	S24_3432		46	93.16		5
	10192	S24_3856		45	112.34		14
	10193	S18_1342		28	92.47		7
	10193	S18_1367		46	46.36		6
	10193	S18_1749		21	153.00		14
	10193	S18_2248		42	60.54		13
	10193	S18_2325		44	115.69		11
	10193	S18_2795		22	143.44		8
	10193	S18_2949		28	87.13		1
	10193	S18_2957		24	53.09		3
	10193	S18_3136		23	97.39		2
	10193	S18_3320		32	79.37		5
	10193	S18_4409		24	92.03		15
	10193	S18_4933		25	66.28		16
	10193	S24_1937		26	32.19		10
	10193	S24_2022		20	44.80		9
	10193	S24_3969		22	38.16		12
	10193	S24_4258		20	92.52		4
	10194	S10_1949		42	203.59		11
	10194	S10_4962		26	134.44		4
	10194	S12_1666		38	124.37		8
	10194	S18_1097		21	103.84		10
	10194	S18_2432		45	51.05		2
	10194	S18_4600		32	113.82		5
	10194	S18_4668		41	47.79		9
	10194	S24_2300		49	112.46		1
	10194	S32_1268		37	77.05		3

10194	S32_3522	39	61.41	7
10194	S700_2824	26	80.92	6
10195	S12_4473	49	118.50	6
10195	S18_2238	27	139.17	5
10195	S18_2319	35	112.91	9
10195	S18_3232	50	150.71	10
10195	S24_1444	44	54.33	3
10195	S24_2840	32	31.82	7
10195	S24_4048	34	95.81	2
10195	S32_2509	32	51.95	8
10195	S32_3207	33	59.03	1
10195	S50_1392	49	97.23	4
10196	S12_1108	47	203.64	5
10196	S12_3148	24	151.08	6
10196	S12_3891	38	147.07	4
10196	S18_3140	49	127.03	1
10196	S18_3259	35	81.68	3
10196	S18_4027	27	126.39	8
10196	S50_1514	46	56.82	7
10196	S700_1938	50	84.88	2
10197	S10_4757	45	118.32	6
10197	S18_3029	46	83.44	4
10197	S18_3856	22	85.75	3
10197	S18_4522	50	78.99	14
10197	S24_2011	41	109.37	13
10197	S24_3151	47	83.20	8
10197	S24_3816	22	67.93	5
10197	S700_1138	23	60.00	9
10197	S700_2047	24	78.75	2
10197	S700_2610	50	66.50	7
10197	S700_3505	27	100.17	10

10197	S700_3962	35	88.39	11
10197	S72_1253	29	39.73	1
10197	S72_3212	42	48.59	12
10198	S18_1662	42	149.81	4
10198	S24_2841	48	60.97	5
10198	S24_3420	27	61.81	6
10198	S24_3949	43	65.51	3
10198	S700_2466	42	94.73	1
10198	S700_4002	40	74.03	2
10199	S50_1341	29	37.97	1
10199	S700_1691	48	81.29	2
10199	S700_3167	38	70.40	3
10200	S18_2581	28	74.34	3
10200	S24_1785	33	99.57	5
10200	S24_4278	39	70.28	4
10200	S32_1374	35	80.91	1
10200	S32_4289	27	65.35	6
10200	S700_2834	39	115.09	2
10201	S10_1678	22	82.30	2
10201	S10_2016	24	116.56	5
10201	S10_4698	49	191.72	4
10201	S12_2823	25	126.52	1
10201	S18_2625	30	48.46	6
10201	S24_1578	39	93.54	3
10201	S24_2000	25	66.27	7
10202	S18_3782	30	55.33	3
10202	S18_4721	43	124.99	2
10202	S24_2360	50	56.10	6
10202	S24_4620	50	75.18	1
10202	S32_2206	27	33.39	4
10202	S32_4485	31	81.64	7

10202	S50_4713	40	79.73	5
10203	S12_1099	20	161.49	8
10203	S12_3380	20	111.57	6
10203	S12_3990	44	63.84	9
10203	S12_4675	47	115.16	5
10203	S18_1889	45	73.15	4
10203	S18_3232	48	157.49	1
10203	S18_3278	33	66.74	11
10203	S18_3482	32	127.88	10
10203	S24_2972	21	33.23	2
10203	S24_3371	34	56.94	7
10203	S24_3856	47	140.43	3
10204	S18_1129	42	114.65	17
10204	S18_1589	40	113.24	13
10204	S18_1749	33	153.00	4
10204	S18_1984	38	133.72	16
10204	S18_2248	23	59.33	3
10204	S18_2325	26	119.50	1
10204	S18_2870	27	106.92	14
10204	S18_3685	35	132.80	15
10204	S18_4409	29	83.75	5
10204	S18_4933	45	69.84	6
10204	S24_1046	20	69.82	10
10204	S24_1628	45	46.79	12
10204	S24_2766	47	79.06	8
10204	S24_2887	42	112.74	7
10204	S24_3191	40	84.75	9
10204	S24_3432	48	104.94	11
10204	S24_3969	39	34.88	2
10205	S18_1342	36	98.63	2
10205	S18_1367	48	45.82	1

10205	S18_2795	40	138.38	3
10205	S24_1937	32	27.88	5
10205	S24_2022	24	36.74	4
10206	S10_1949	47	203.59	6
10206	S12_1666	28	109.34	3
10206	S18_1097	34	115.50	5
10206	S18_2949	37	98.27	7
10206	S18_2957	28	51.84	9
10206	S18_3136	30	102.63	8
10206	S18_3320	28	99.21	11
10206	S18_4668	21	45.78	4
10206	S24_4258	33	95.44	10
10206	S32_3522	36	54.94	2
10206	S700_2824	33	89.01	1
10207	S10_4962	31	125.58	15
10207	S12_4473	34	95.99	7
10207	S18_2238	44	140.81	6
10207	S18_2319	43	109.23	10
10207	S18_2432	37	60.77	13
10207	S18_3232	25	140.55	11
10207	S18_4027	40	143.62	1
10207	S18_4600	47	119.87	16
10207	S24_1444	49	57.80	4
10207	S24_2300	46	127.79	12
10207	S24_2840	42	30.76	8
10207	S24_4048	28	108.82	3
10207	S32_1268	49	84.75	14
10207	S32_2509	27	51.95	9
10207	S32_3207	45	55.30	2
10207	S50_1392	28	106.49	5
10208	S12_1108	46	176.63	13

10208	S12_3148	26	128.42	14
10208	S12_3891	20	152.26	12
10208	S18_3140	24	117.47	9
10208	S18_3259	48	96.81	11
10208	S18_4522	45	72.85	8
10208	S24_2011	35	122.89	7
10208	S24_3151	20	80.54	2
10208	S50_1514	30	57.99	15
10208	S700_1138	38	56.67	3
10208	S700_1938	40	73.62	10
10208	S700_2610	46	63.61	1
10208	S700_3505	37	95.16	4
10208	S700_3962	33	95.34	5
10208	S72_3212	42	48.05	6
10209	S10_4757	39	129.20	8
10209	S18_3029	28	82.58	6
10209	S18_3856	20	97.40	5
10209	S24_2841	43	66.45	1
10209	S24_3420	36	56.55	2
10209	S24_3816	22	79.67	7
10209	S700_2047	33	90.52	4
10209	S72_1253	48	44.20	3
10210	S10_2016	23	112.99	2
10210	S10_4698	34	189.79	1
10210	S18_1662	31	141.92	17
10210	S18_2581	50	68.43	7
10210	S18_2625	40	51.48	3
10210	S24_1785	27	100.67	9
10210	S24_2000	30	63.22	4
10210	S24_3949	29	56.64	16
10210	S24_4278	40	68.10	8

10210	S32_1374	46	84.91	5
10210	S32_4289	39	57.10	10
10210	S50_1341	43	43.20	11
10210	S700_1691	21	87.69	12
10210	S700_2466	26	93.74	14
10210	S700_2834	25	98.48	6
10210	S700_3167	31	64.00	13
10210	S700_4002	42	60.70	15
10211	S10_1678	41	90.92	14
10211	S12_1099	41	171.22	2
10211	S12_2823	36	126.52	13
10211	S12_3990	28	79.80	3
10211	S18_3278	35	73.17	5
10211	S18_3482	28	138.17	4
10211	S18_3782	46	60.30	8
10211	S18_4721	41	148.80	7
10211	S24_1578	25	109.32	15
10211	S24_2360	21	62.33	11
10211	S24_3371	48	52.66	1
10211	S24_4620	22	80.84	6
10211	S32_2206	41	39.83	9
10211	S32_4485	37	94.91	12
10211	S50_4713	40	70.78	10
10212	S12_3380	39	99.82	16
10212	S12_4675	33	110.55	15
10212	S18_1129	29	117.48	10
10212	S18_1589	38	105.77	6
10212	S18_1889	20	64.68	14
10212	S18_1984	41	133.72	9
10212	S18_2870	40	117.48	7
10212	S18_3232	40	155.79	11

10212	S18_3685	45	115.85	8
10212	S24_1046	41	61.73	3
10212	S24_1628	45	43.27	5
10212	S24_2766	45	81.78	1
10212	S24_2972	34	37.38	12
10212	S24_3191	27	77.91	2
10212	S24_3432	46	100.66	4
10212	S24_3856	49	117.96	13
10213	S18_4409	38	84.67	1
10213	S18_4933	25	58.44	2
10213	S24_2887	27	97.48	3
10214	S18_1749	30	166.60	7
10214	S18_2248	21	53.28	6
10214	S18_2325	27	125.86	4
10214	S18_2795	50	167.06	1
10214	S24_1937	20	32.19	3
10214	S24_2022	49	39.87	2
10214	S24_3969	44	38.57	5
10215	S10_1949	35	205.73	3
10215	S18_1097	46	100.34	2
10215	S18_1342	27	92.47	10
10215	S18_1367	33	53.91	9
10215	S18_2949	49	97.26	4
10215	S18_2957	31	56.21	6
10215	S18_3136	49	89.01	5
10215	S18_3320	41	84.33	8
10215	S18_4668	46	42.76	1
10215	S24_4258	39	94.47	7
10216	S12_1666	43	133.94	1
10217	S10_4962	48	132.97	4
10217	S18_2432	35	58.34	2

10217	S18_4600	38	118.66	5
10217	S24_2300	28	103.51	1
10217	S32_1268	21	78.97	3
10217	S32_3522	39	56.24	7
10217	S700_2824	31	90.02	6
10218	S18_2319	22	110.46	1
10218	S18_3232	34	152.41	2
10219	S12_4473	48	94.80	2
10219	S18_2238	43	132.62	1
10219	S24_2840	21	31.12	3
10219	S32_2509	35	47.62	4
10220	S12_1108	32	189.10	2
10220	S12_3148	30	151.08	3
10220	S12_3891	27	166.10	1
10220	S18_4027	50	126.39	5
10220	S24_1444	26	48.55	8
10220	S24_4048	37	101.72	7
10220	S32_3207	20	49.71	6
10220	S50_1392	37	92.60	9
10220	S50_1514	30	56.82	4
10221	S18_3140	33	133.86	3
10221	S18_3259	23	89.75	5
10221	S18_4522	39	84.26	2
10221	S24_2011	49	113.06	1
10221	S700_1938	23	69.29	4
10222	S10_4757	49	133.28	12
10222	S18_1662	49	137.19	4
10222	S18_3029	49	79.14	10
10222	S18_3856	45	88.93	9
10222	S24_2841	32	56.86	5
10222	S24_3151	47	74.35	14

10222	S24_3420	43	61.15	6
10222	S24_3816	46	77.99	11
10222	S24_3949	48	55.27	3
10222	S700_1138	31	58.67	15
10222	S700_2047	26	80.56	8
10222	S700_2466	37	90.75	1
10222	S700_2610	36	69.39	13
10222	S700_3505	38	84.14	16
10222	S700_3962	31	81.43	17
10222	S700_4002	43	66.63	2
10222	S72_1253	31	45.19	7
10222	S72_3212	36	48.59	18
10223	S10_1678	37	80.39	1
10223	S10_2016	47	110.61	4
10223	S10_4698	49	189.79	3
10223	S18_2581	47	67.58	9
10223	S18_2625	28	58.75	5
10223	S24_1578	32	104.81	2
10223	S24_1785	34	87.54	11
10223	S24_2000	38	60.94	6
10223	S24_4278	23	68.10	10
10223	S32_1374	21	90.90	7
10223	S32_4289	20	66.73	12
10223	S50_1341	41	41.02	13
10223	S700_1691	25	84.03	14
10223	S700_2834	29	113.90	8
10223	S700_3167	26	79.20	15
10224	S12_2823	43	141.58	6
10224	S18_3782	38	57.20	1
10224	S24_2360	37	60.26	4
10224	S32_2206	43	37.01	2

10224	S32_4485	30	94.91	5
10224	S50_4713	50	81.36	3
10225	S12_1099	27	157.60	9
10225	S12_3380	25	101.00	7
10225	S12_3990	37	64.64	10
10225	S12_4675	21	100.19	6
10225	S18_1129	32	116.06	1
10225	S18_1889	47	71.61	5
10225	S18_3232	43	162.57	2
10225	S18_3278	37	69.96	12
10225	S18_3482	27	119.06	11
10225	S18_4721	35	135.41	14
10225	S24_2972	42	34.74	3
10225	S24_3371	24	51.43	8
10225	S24_3856	40	130.60	4
10225	S24_4620	46	77.61	13
10226	S18_1589	38	108.26	4
10226	S18_1984	24	129.45	7
10226	S18_2870	24	125.40	5
10226	S18_3685	46	122.91	6
10226	S24_1046	21	65.41	1
10226	S24_1628	36	47.79	3
10226	S24_3432	48	95.30	2
10227	S18_1342	25	85.27	3
10227	S18_1367	31	50.14	2
10227	S18_1749	26	136.00	10
10227	S18_2248	28	59.93	9
10227	S18_2325	46	118.23	7
10227	S18_2795	29	146.81	4
10227	S18_3320	33	99.21	1
10227	S18_4409	34	87.43	11

10227	S18_4933	37	70.56	12
10227	S24_1937	42	27.22	6
10227	S24_2022	24	39.42	5
10227	S24_2766	47	84.51	14
10227	S24_2887	33	102.17	13
10227	S24_3191	40	78.76	15
10227	S24_3969	27	34.88	8
10228	S10_1949	29	214.30	2
10228	S18_1097	32	100.34	1
10228	S18_2949	24	101.31	3
10228	S18_2957	45	57.46	5
10228	S18_3136	31	100.53	4
10228	S24_4258	33	84.73	6
10229	S10_4962	50	138.88	9
10229	S12_1666	25	110.70	13
10229	S12_4473	36	95.99	1
10229	S18_2319	26	104.32	4
10229	S18_2432	28	53.48	7
10229	S18_3232	22	157.49	5
10229	S18_4600	41	119.87	10
10229	S18_4668	39	43.77	14
10229	S24_2300	48	115.01	6
10229	S24_2840	33	34.65	2
10229	S32_1268	25	78.97	8
10229	S32_2509	23	49.78	3
10229	S32_3522	30	52.36	12
10229	S700_2824	50	91.04	11
10230	S12_3148	43	128.42	1
10230	S18_2238	49	153.91	8
10230	S18_4027	42	142.18	3
10230	S24_1444	36	47.40	6

10230	S24_4048	45	99.36	5
10230	S32_3207	46	59.03	4
10230	S50_1392	34	100.70	7
10230	S50_1514	43	57.41	2
10231	S12_1108	42	193.25	2
10231	S12_3891	49	147.07	1
10232	S18_3140	22	133.86	6
10232	S18_3259	48	97.81	8
10232	S18_4522	23	78.12	5
10232	S24_2011	46	113.06	4
10232	S700_1938	26	84.88	7
10232	S700_3505	48	86.15	1
10232	S700_3962	35	81.43	2
10232	S72_3212	24	48.59	3
10233	S24_3151	40	70.81	2
10233	S700_1138	36	66.00	3
10233	S700_2610	29	67.94	1
10234	S10_4757	48	118.32	9
10234	S18_1662	50	146.65	1
10234	S18_3029	48	84.30	7
10234	S18_3856	39	85.75	6
10234	S24_2841	44	67.14	2
10234	S24_3420	25	65.09	3
10234	S24_3816	31	78.83	8
10234	S700_2047	29	83.28	5
10234	S72_1253	40	45.69	4
10235	S18_2581	24	81.95	3
10235	S24_1785	23	89.72	5
10235	S24_3949	33	55.27	12
10235	S24_4278	40	63.03	4
10235	S32_1374	41	90.90	1

10235	S32_4289	34	66.73	6
10235	S50_1341	41	37.09	7
10235	S700_1691	25	88.60	8
10235	S700_2466	38	92.74	10
10235	S700_2834	25	116.28	2
10235	S700_3167	32	73.60	9
10235	S700_4002	34	70.33	11
10236	S10_2016	22	105.86	1
10236	S18_2625	23	52.70	2
10236	S24_2000	36	65.51	3
10237	S10_1678	23	91.87	7

```
+------------+------------+----------------+-----------+-----------------+
```

2996 rows in set (0.00 sec)

C -- query aborted

mysql> select productCode,sum(quantityOrdered) from orderdetails;

```
+-------------+----------------------+
```

| productCode | sum(quantityOrdered) |

```
+-------------+----------------------+
```

| S18_1749 | 105516 |

```
+-------------+----------------------+
```

1 row in set (0.00 sec)

mysql> select productCode,sum(quantityOrdered) from orderdetails group by productCode;

```
+-------------+----------------------+
```

| productCode | sum(quantityOrdered) |

```
+-------------+----------------------+
```

| S10_1678 | 1057 |

| S10_1949 | 961 |

| S10_2016 | 999 |

S10_4698	985
S10_4757	1030
S10_4962	932
S12_1099	933
S12_1108	1019
S12_1666	972
S12_2823	1028
S12_3148	963
S12_3380	925
S12_3891	965
S12_3990	900
S12_4473	1056
S12_4675	992
S18_1097	999
S18_1129	947
S18_1342	1111
S18_1367	960
S18_1589	914
S18_1662	1040
S18_1749	918
S18_1889	972
S18_1984	917
S18_2238	986
S18_2248	832
S18_2319	1053
S18_2325	957
S18_2432	998
S18_2581	917
S18_2625	945
S18_2795	880
S18_2870	855

S18_2949	1038
S18_2957	985
S18_3029	966
S18_3136	907
S18_3140	883
S18_3232	1808
S18_3259	918
S18_3278	974
S18_3320	992
S18_3482	915
S18_3685	948
S18_3782	959
S18_3856	1076
S18_4027	945
S18_4409	866
S18_4522	990
S18_4600	1061
S18_4668	995
S18_4721	1013
S18_4933	767
S24_1046	803
S24_1444	976
S24_1578	1033
S24_1628	915
S24_1785	972
S24_1937	937
S24_2000	1015
S24_2011	1011
S24_2022	955
S24_2300	1029
S24_2360	947

S24_2766	949
S24_2840	983
S24_2841	940
S24_2887	873
S24_2972	912
S24_3151	991
S24_3191	870
S24_3371	969
S24_3420	884
S24_3432	894
S24_3816	923
S24_3856	1052
S24_3949	1051
S24_3969	824
S24_4048	867
S24_4258	983
S24_4278	1009
S24_4620	941
S32_1268	911
S32_1374	1014
S32_2206	906
S32_2509	955
S32_3207	934
S32_3522	988
S32_4289	972
S32_4485	898
S50_1341	1074
S50_1392	979
S50_1514	966
S50_4713	992
S700_1138	934

```
| S700_1691  |           894 |

| S700_1938  |           898 |

| S700_2047  |           897 |

| S700_2466  |           984 |

| S700_2610  |          1020 |

| S700_2824  |           997 |

| S700_2834  |           973 |

| S700_3167  |          1047 |

| S700_3505  |           952 |

| S700_3962  |           896 |

| S700_4002  |          1085 |

| S72_1253   |           960 |

| S72_3212   |           958 |

+------------+----------------------+
```

109 rows in set (0.00 sec)

mysql> select productCode,count(quantityOrdered) from orderdetails group by productCode;

```
+------------+-----------------------+

| productCode | count(quantityOrdered) |

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

| S10_1678   |            28 |

| S10_1949   |            28 |

| S10_2016   |            28 |

| S10_4698   |            28 |

| S10_4757   |            28 |

| S10_4962   |            28 |

| S12_1099   |            27 |

| S12_1108   |            27 |

| S12_1666   |            28 |

| S12_2823   |            28 |

| S12_3148   |            27 |
```

S12_3380	27
S12_3891	27
S12_3990	27
S12_4473	28
S12_4675	27
S18_1097	28
S18_1129	27
S18_1342	28
S18_1367	28
S18_1589	25
S18_1662	28
S18_1749	25
S18_1889	27
S18_1984	27
S18_2238	28
S18_2248	25
S18_2319	28
S18_2325	28
S18_2432	28
S18_2581	28
S18_2625	28
S18_2795	28
S18_2870	25
S18_2949	28
S18_2957	28
S18_3029	28
S18_3136	28
S18_3140	27
S18_3232	53
S18_3259	27
S18_3278	27

S18_3320	28
S18_3482	27
S18_3685	25
S18_3782	27
S18_3856	28
S18_4027	27
S18_4409	25
S18_4522	27
S18_4600	28
S18_4668	28
S18_4721	27
S18_4933	24
S24_1046	25
S24_1444	28
S24_1578	28
S24_1628	25
S24_1785	28
S24_1937	28
S24_2000	28
S24_2011	27
S24_2022	28
S24_2300	28
S24_2360	27
S24_2766	25
S24_2840	28
S24_2841	28
S24_2887	24
S24_2972	27
S24_3151	27
S24_3191	25
S24_3371	27

S24_3420	28
S24_3432	25
S24_3816	28
S24_3856	27
S24_3949	28
S24_3969	25
S24_4048	27
S24_4258	28
S24_4278	28
S24_4620	27
S32_1268	28
S32_1374	28
S32_2206	27
S32_2509	28
S32_3207	27
S32_3522	28
S32_4289	28
S32_4485	27
S50_1341	28
S50_1392	28
S50_1514	27
S50_4713	27
S700_1138	27
S700_1691	28
S700_1938	27
S700_2047	28
S700_2466	28
S700_2610	27
S700_2824	28
S700_2834	28
S700_3167	28

S700_3505	27
S700_3962	27
S700_4002	28
S72_1253	28
S72_3212	27
+------------+-----------------------+
109 rows in set (0.00 sec)

mysql> select count(*) from customers where state is not null;

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

| count(*) |

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

| 49 |

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

1 row in set (0.00 sec)

mysql> select count(*) from customers;

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

| count(*) |

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

| 122 |

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

1 row in set (0.00 sec)

mysql> select count(*) from customers where state is not null group by country;

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

| count(*) |

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

| 36 |

| 5 |

| 2 |

```
|        3 |
|        1 |
|        1 |
|        1 |
+----------+
7 rows in set (0.00 sec)
```

mysql> select country,count(*) from customers where state is not null group by country;

```
+--------------+----------+
| country      | count(*) |
+--------------+----------+
| USA          |       36 |
| Australia    |        5 |
| Japan        |        2 |
| Canada       |        3 |
| UK           |        1 |
| Ireland      |        1 |
| South Africa |        1 |
+--------------+----------+
7 rows in set (0.00 sec)
```

mysql> desc customers;

```
+-----------------------+-------------+------+-----+---------+-------+
| Field                 | Type        | Null | Key | Default | Extra |
+-----------------------+-------------+------+-----+---------+-------+
| customerNumber        | int         | NO   | PRI | NULL    |       |
| customerName          | varchar(50) | NO   |     | NULL    |       |
| contactLastName       | varchar(50) | NO   |     | NULL    |       |
| contactFirstName      | varchar(50) | NO   |     | NULL    |       |
| phone                 | varchar(50) | NO   |     | NULL    |       |
| addressLine1          | varchar(50) | NO   |     | NULL    |       |
```

| addressLine2 | varchar(50) | YES | | NULL | |

| city | varchar(50) | NO | | NULL | |

| state | varchar(50) | YES | | NULL | |

| postalCode | varchar(15) | YES | | NULL | |

| country | varchar(50) | NO | | NULL | |

| salesRepEmployeeNumber | int | YES | MUL | NULL | |

| creditLimit | decimal(10,2) | YES | | NULL | |

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

13 rows in set (0.00 sec)

mysql> select country, sum(creditLimit) for customers where creditLimit > 50000;

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 'customers where creditLimit > 50000' at line 1

mysql> select country, sum(creditLimit) from customers where creditLimit > 50000;

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

| country | sum(creditLimit) |

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

| USA | 7786000.00 |

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

1 row in set (0.00 sec)

mysql> select country, sum(creditLimit) from customers where creditLimit > 50000 groupby country;

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 'groupby country' at line 1

mysql> select country, sum(creditLimit) from customers where creditLimit > 50000 group by country;

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

| country | sum(creditLimit) |

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

| USA | 2559900.00 |

| Australia | 430300.00 |

```
| France      |      911300.00 |
| Norway      |      273600.00 |
| Germany     |      257100.00 |
| Spain       |      517800.00 |
| Sweden      |      169500.00 |
| Denmark     |      204200.00 |
| Singapore   |      201700.00 |
| Japan       |      175600.00 |
| Finland     |      285800.00 |
| UK          |      400400.00 |
| Ireland     |       69400.00 |
| Canada      |      179900.00 |
| Hong Kong   |       58600.00 |
| Italy       |      354000.00 |
| Switzerland |      141300.00 |
| Belgium     |       79900.00 |
| New Zealand |      362500.00 |
| Austria     |       71700.00 |
| Philippines |       81500.00 |
+-------------+------------------+
21 rows in set (0.00 sec)


mysql> select country, sum(creditLimit) from customers where creditLimit > 50000 group by country, state;
+-------------+------------------+
| country     | sum(creditLimit) |
+-------------+------------------+
| USA         |       71800.00 |
| Australia   |      177600.00 |
| France      |      911300.00 |
| Norway      |      273600.00 |
```

```
| USA         |       911400.00 |
| Germany     |       257100.00 |
| USA         |       500000.00 |
| Spain       |       517800.00 |
| Sweden      |       169500.00 |
| Denmark     |       204200.00 |
| Singapore   |       201700.00 |
| USA         |       254300.00 |
| USA         |       179700.00 |
| Japan       |        81200.00 |
| Finland     |       285800.00 |
| UK          |       306500.00 |
| Ireland     |        69400.00 |
| Canada      |       179900.00 |
| USA         |       528500.00 |
| Hong Kong   |        58600.00 |
| UK          |        93900.00 |
| Italy       |       354000.00 |
| Australia   |       201100.00 |
| Switzerland |       141300.00 |
| Belgium     |        79900.00 |
| New Zealand |       362500.00 |
| Australia   |        51600.00 |
| USA         |       114200.00 |
| Austria     |        71700.00 |
| Philippines |        81500.00 |
| Japan       |        94400.00 |
+-------------+-----------------+
31 rows in set (0.00 sec)
```

```
mysql> select country,state, sum(creditLimit) from customers where creditLimit > 50000 group by country, state;

+-------------+--------------+------------------+
| country     | state        | sum(creditLimit) |
+-------------+--------------+------------------+
| USA         | NV           |         71800.00 |
| Australia   | Victoria     |        177600.00 |
| France      | NULL         |        911300.00 |
| Norway      | NULL         |        273600.00 |
| USA         | CA           |        911400.00 |
| Germany     | NULL         |        257100.00 |
| USA         | NY           |        500000.00 |
| Spain       | NULL         |        517800.00 |
| Sweden      | NULL         |        169500.00 |
| Denmark     | NULL         |        204200.00 |
| Singapore   | NULL         |        201700.00 |
| USA         | PA           |        254300.00 |
| USA         | CT           |        179700.00 |
| Japan       | Osaka        |         81200.00 |
| Finland     | NULL         |        285800.00 |
| UK          | NULL         |        306500.00 |
| Ireland     | NULL         |         69400.00 |
| Canada      | BC           |        179900.00 |
| USA         | MA           |        528500.00 |
| Hong Kong   | NULL         |         58600.00 |
| UK          | Isle of Wight |        93900.00 |
| Italy       | NULL         |        354000.00 |
| Australia   | NSW          |        201100.00 |
| Switzerland | NULL         |        141300.00 |
| Belgium     | NULL         |         79900.00 |
| New Zealand | NULL         |        362500.00 |
```

```
| Australia  | Queensland |      51600.00 |
| USA        | NH         |     114200.00 |
| Austria    | NULL       |      71700.00 |
| Philippines| NULL       |      81500.00 |
| Japan      | Tokyo      |      94400.00 |
+------------+------------+---------------+
```

31 rows in set (0.00 sec)

mysql> select country,state, count(*) from customers where creditLimit > 50000 group by country, state;

```
+------------+------------+----------+
| country    | state      | count(*) |
+------------+------------+----------+
| USA        | NV         |        1 |
| Australia  | Victoria   |        2 |
| France     | NULL       |       11 |
| Norway     | NULL       |        3 |
| USA        | CA         |       10 |
| Germany    | NULL       |        3 |
| USA        | NY         |        5 |
| Spain      | NULL       |        5 |
| Sweden     | NULL       |        2 |
| Denmark    | NULL       |        2 |
| Singapore  | NULL       |        2 |
| USA        | PA         |        3 |
| USA        | CT         |        2 |
| Japan      | Osaka      |        1 |
| Finland    | NULL       |        3 |
| UK         | NULL       |        3 |
| Ireland    | NULL       |        1 |
| Canada     | BC         |        2 |
```

```
| USA         | MA          |       6 |
| Hong Kong   | NULL        |       1 |
| UK          | Isle of Wight |       1 |
| Italy       | NULL        |       3 |
| Australia   | NSW         |       2 |
| Switzerland | NULL        |       1 |
| Belgium     | NULL        |       1 |
| New Zealand | NULL        |       4 |
| Australia   | Queensland  |       1 |
| USA         | NH          |       1 |
| Austria     | NULL        |       1 |
| Philippines | NULL        |       1 |
| Japan       | Tokyo       |       1 |
+-------------+---------------+----------+
31 rows in set (0.00 sec)


mysql> select distinct state from customers where country = "USA";
+-------+
| state |
+-------+
| NV    |
| CA    |
| NY    |
| PA    |
| CT    |
| MA    |
| NJ    |
| NH    |
+-------+
8 rows in set (0.00 sec)
```

```
mysql> desc payments;
+---------------+--------------+------+-----+---------+-------+
| Field         | Type         | Null | Key | Default | Extra |
+---------------+--------------+------+-----+---------+-------+
| customerNumber | int         | NO   | PRI | NULL    |       |
| checkNumber   | varchar(50)  | NO   | PRI | NULL    |       |
| paymentDate   | date         | NO   |     | NULL    |       |
| amount        | decimal(10,2)| NO   |     | NULL    |       |
+---------------+--------------+------+-----+---------+-------+
4 rows in set (0.00 sec)

mysql> select * from payments limit 10;
+---------------+-------------+-------------+----------+
| customerNumber | checkNumber | paymentDate | amount   |
+---------------+-------------+-------------+----------+
|         103 | HQ336336    | 2004-10-19  | 6066.78  |
|         103 | JM555205    | 2003-06-05  | 14571.44 |
|         103 | OM314933    | 2004-12-18  | 1676.14  |
|         112 | BO864823    | 2004-12-17  | 14191.12 |
|         112 | HQ55022     | 2003-06-06  | 32641.98 |
|         112 | ND748579    | 2004-08-20  | 33347.88 |
|         114 | GG31455     | 2003-05-20  | 45864.03 |
|         114 | MA765515    | 2004-12-15  | 82261.22 |
|         114 | NP603840    | 2003-05-31  | 7565.08  |
|         114 | NR27552     | 2004-03-10  | 44894.74 |
+---------------+-------------+-------------+----------+
10 rows in set (0.00 sec)

mysql> select customerNumber, sum(amount) from payments where customerNumber = 473 group
by customerNumber;
+---------------+-------------+
```

```
| customerNumber | sum(amount) |

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

|            473 |    25358.32 |

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

1 row in set (0.00 sec)


mysql> select customerNumber, sum(amount) from payments where customerNumber = 473 and
paymentDate = "2003-10-27" group by customerNumber;

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

| customerNumber | sum(amount) |

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

|            473 |    17746.26 |

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

1 row in set (0.00 sec)


mysql> select state, count(*) from customers group by state having count(*) > 5

    -> ;

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

| state | count(*) |

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

| NULL  |       73 |

| CA    |       11 |

| NY    |        6 |

| MA    |        9 |

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

4 rows in set (0.00 sec)


mysql> select country,sum(creditLimit) from customers group by country;

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

| country      | sum(creditLimit) |

+--------------+------------------+
```

France	932300.00
USA	2811700.00
Australia	430300.00
Norway	273600.00
Poland	0.00
Germany	257100.00
Spain	517800.00
Sweden	169500.00
Denmark	204200.00
Singapore	201700.00
Portugal	0.00
Japan	175600.00
Finland	285800.00
UK	443700.00
Ireland	69400.00
Canada	228600.00
Hong Kong	58600.00
Italy	388800.00
Switzerland	141300.00
Netherlands	0.00
Belgium	103400.00
New Zealand	362500.00
South Africa	0.00
Austria	117000.00
Philippines	81500.00
Russia	0.00
Israel	0.00
+--------------+------------------+

27 rows in set (0.00 sec)

mysql> select country,sum(creditLimit) from customers group by country having sum(creditLimit) > 50000;

```
+-------------+------------------+
| country     | sum(creditLimit) |
+-------------+------------------+
| France      |        932300.00 |
| USA         |       2811700.00 |
| Australia   |        430300.00 |
| Norway      |        273600.00 |
| Germany     |        257100.00 |
| Spain       |        517800.00 |
| Sweden      |        169500.00 |
| Denmark     |        204200.00 |
| Singapore   |        201700.00 |
| Japan       |        175600.00 |
| Finland     |        285800.00 |
| UK          |        443700.00 |
| Ireland     |         69400.00 |
| Canada      |        228600.00 |
| Hong Kong   |         58600.00 |
| Italy       |        388800.00 |
| Switzerland |        141300.00 |
| Belgium     |        103400.00 |
| New Zealand |        362500.00 |
| Austria     |        117000.00 |
| Philippines |         81500.00 |
+-------------+------------------+
```

21 rows in set (0.00 sec)

mysql> select country,sum(creditLimit) from customers group by country having sum(creditLimit) > 50000 order by sum(creditLimit);

```
+-------------+------------------+
```

```
| country     | sum(creditLimit) |

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

| Hong Kong   |        58600.00 |

| Ireland     |        69400.00 |

| Philippines |        81500.00 |

| Belgium     |       103400.00 |

| Austria     |       117000.00 |

| Switzerland |       141300.00 |

| Sweden      |       169500.00 |

| Japan       |       175600.00 |

| Singapore   |       201700.00 |

| Denmark     |       204200.00 |

| Canada      |       228600.00 |

| Germany     |       257100.00 |

| Norway      |       273600.00 |

| Finland     |       285800.00 |

| New Zealand |       362500.00 |

| Italy       |       388800.00 |

| Australia   |       430300.00 |

| UK          |       443700.00 |

| Spain       |       517800.00 |

| France      |       932300.00 |

| USA         |      2811700.00 |

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

21 rows in set (0.00 sec)


mysql> select country,sum(creditLimit) from customers group by country having sum(creditLimit) > 50000 order by sum(creditLimit) desc;

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

| country     | sum(creditLimit) |

+-------------+------------------+
```

```
| USA         |        2811700.00 |
| France      |         932300.00 |
| Spain       |         517800.00 |
| UK          |         443700.00 |
| Australia   |         430300.00 |
| Italy       |         388800.00 |
| New Zealand |         362500.00 |
| Finland     |         285800.00 |
| Norway      |         273600.00 |
| Germany     |         257100.00 |
| Canada      |         228600.00 |
| Denmark     |         204200.00 |
| Singapore   |         201700.00 |
| Japan       |         175600.00 |
| Sweden      |         169500.00 |
| Switzerland |         141300.00 |
| Austria     |         117000.00 |
| Belgium     |         103400.00 |
| Philippines |          81500.00 |
| Ireland     |          69400.00 |
| Hong Kong   |          58600.00 |
+-------------+------------------+
21 rows in set (0.00 sec)

mysql>
mysql> select productLines, sum(quantityinstock) from products group by productLines having sum(quantityinstock) > 50000 order by sum(quantityinstock);
ERROR 1054 (42S22): Unknown column 'productLines' in 'field list'
mysql> select productLine, sum(quantityinstock) from products group by productLine having sum(quantityinstock) > 50000 order by sum(quantityinstock);
+--------------+----------------------+
| productLine  | sum(quantityinstock) |
```

```
+--------------+----------------------+
| Planes       |           62287 |
| Motorcycles  |           69401 |
| Vintage Cars |          124880 |
| Classic Cars |          219183 |
+--------------+----------------------+
4 rows in set (0.00 sec)
```

mysql> select productName, productLine, quantityinstock, buyprice, MSRP from products where productLine = "Motorcycle" or productLine = "Classic Cars" or productLine = "Vintage Cars";

```
+------------------------------------------+--------------+-----------------+----------+--------+
| productName                              | productLine  | quantityinstock | buyprice | MSRP   |
+------------------------------------------+--------------+-----------------+----------+--------+
| 1952 Alpine Renault 1300                 | Classic Cars |            7305 |    98.58 | 214.30 |
| 1972 Alfa Romeo GTA                      | Classic Cars |            3252 |    85.68 | 136.00 |
| 1962 LanciaA Delta 16V                   | Classic Cars |            6791 |   103.42 | 147.74 |
| 1968 Ford Mustang                        | Classic Cars |              68 |    95.34 | 194.57 |
| 2001 Ferrari Enzo                        | Classic Cars |            3619 |    95.59 | 207.80 |
| 1969 Corvair Monza                       | Classic Cars |            6906 |    89.14 | 151.08 |
| 1968 Dodge Charger                       | Classic Cars |            9123 |    75.16 | 117.44 |
| 1969 Ford Falcon                         | Classic Cars |            1049 |    83.05 | 173.02 |
| 1970 Plymouth Hemi Cuda                  | Classic Cars |            5663 |    31.92 |  79.80 |
| 1969 Dodge Charger                       | Classic Cars |            7323 |    58.73 | 115.16 |
| 1993 Mazda RX-7                          | Classic Cars |            3975 |    83.51 | 141.54 |
| 1937 Lincoln Berline                     | Vintage Cars |            8693 |    60.62 | 102.74 |
| 1936 Mercedes-Benz 500K Special Roadster | Vintage Cars |            8635 |    24.26 |  53.91 |
| 1965 Aston Martin DB5                    | Classic Cars |            9042 |    65.96 | 124.44 |
| 1917 Grand Touring Sedan                 | Vintage Cars |            2724 |    86.70 | 170.00 |
| 1948 Porsche 356-A Roadster              | Classic Cars |            8826 |    53.90 |  77.00 |
| 1995 Honda Civic                         | Classic Cars |            9772 |    93.89 | 142.25 |
| 1998 Chrysler Plymouth Prowler           | Classic Cars |            4724 |   101.51 | 163.73 |
```

1911 Ford Town Car	Vintage Cars	540	33.30	60.54
1932 Model A Ford J-Coupe	Vintage Cars	9354	58.48	127.13
1928 Mercedes-Benz SSK	Vintage Cars	548	72.56	168.75
1999 Indy 500 Monte Carlo SS	Classic Cars	8164	56.76	132.00
1913 Ford Model T Speedster	Vintage Cars	4189	60.78	101.31
1934 Ford V8 Coupe	Vintage Cars	5649	34.35	62.46
18th Century Vintage Horse Carriage	Vintage Cars	5992	60.74	104.72
1903 Ford Model A	Vintage Cars	3913	68.30	136.59
1992 Ferrari 360 Spider red	Classic Cars	8347	77.90	169.34
1985 Toyota Supra	Classic Cars	7733	57.01	107.57
1969 Dodge Super Bee	Classic Cars	1917	49.05	80.41
1917 Maxwell Touring Car	Vintage Cars	7913	57.54	99.21
1976 Ford Gran Torino	Classic Cars	9127	73.49	146.99
1948 Porsche Type 356 Roadster	Classic Cars	8990	62.16	141.28
1941 Chevrolet Special Deluxe Cabriolet	Vintage Cars	2378	64.58	105.87
1970 Triumph Spitfire	Classic Cars	5545	91.92	143.62
1932 Alfa Romeo 8C2300 Spider Sport	Vintage Cars	6553	43.26	92.03
1904 Buick Runabout	Vintage Cars	8290	52.66	87.77
1939 Cadillac Limousine	Vintage Cars	6645	23.14	50.31
1957 Corvette Convertible	Classic Cars	1249	69.93	148.80
1957 Ford Thunderbird	Classic Cars	3209	34.21	71.27
1970 Chevy Chevelle SS 454	Classic Cars	1005	49.24	73.49
1970 Dodge Coronet	Classic Cars	4074	32.37	57.80
1966 Shelby Cobra 427 S/C	Classic Cars	8197	29.18	50.31
1939 Chevrolet Deluxe Coupe	Vintage Cars	7332	22.57	33.19
1938 Cadillac V-16 Presidential Limousine	Vintage Cars	2847	20.61	44.80
1949 Jaguar XK 120	Classic Cars	2350	47.25	90.87
1958 Chevy Corvette Limited Edition	Classic Cars	2542	15.91	35.36
1952 Citroen-15CV	Classic Cars	1452	72.82	117.44
1982 Lamborghini Diablo	Classic Cars	7723	16.24	37.76
1912 Ford Model T Delivery Wagon	Vintage Cars	9173	46.91	88.51

1969 Chevrolet Camaro Z28	Classic Cars	4695	50.51	85.61
1971 Alpine Renault 1600s	Classic Cars	7995	38.58	61.23
1937 Horch 930V Limousine	Vintage Cars	2902	26.30	65.75
2002 Chevy Corvette	Classic Cars	9446	62.11	107.08
1940 Ford Delivery Sedan	Vintage Cars	6621	48.64	83.86
1956 Porsche 356A Coupe	Classic Cars	6600	98.30	140.43
1936 Mercedes Benz 500k Roadster	Vintage Cars	2081	21.75	41.03
1992 Porsche Cayenne Turbo Silver	Classic Cars	6582	69.78	118.28
1936 Chrysler Airflow	Vintage Cars	4710	57.46	97.39
1961 Chevrolet Impala	Classic Cars	7869	32.33	80.84
1928 Ford Phaeton Deluxe	Vintage Cars	136	33.02	68.79
1930 Buick Marquette Phaeton	Vintage Cars	7062	27.06	43.64
1982 Camaro Z28	Classic Cars	6934	46.53	101.15
+---+--------------+----------------+----------+--------+

62 rows in set (0.00 sec)

mysql> select productName, productLine, quantityinstock, buyprice, MSRP from products where productLine in ("Motorcycles","Classic Cars","Vintage cars");

+---+--------------+----------------+----------+--------+
| productName | productLine | quantityinstock | buyprice | MSRP |
+---+--------------+----------------+----------+--------+
1969 Harley Davidson Ultimate Chopper	Motorcycles	7933	48.81	95.70
1952 Alpine Renault 1300	Classic Cars	7305	98.58	214.30
1996 Moto Guzzi 1100i	Motorcycles	6625	68.99	118.94
2003 Harley-Davidson Eagle Drag Bike	Motorcycles	5582	91.02	193.66
1972 Alfa Romeo GTA	Classic Cars	3252	85.68	136.00
1962 LanciaA Delta 16V	Classic Cars	6791	103.42	147.74
1968 Ford Mustang	Classic Cars	68	95.34	194.57
2001 Ferrari Enzo	Classic Cars	3619	95.59	207.80
2002 Suzuki XREO	Motorcycles	9997	66.27	150.62
1969 Corvair Monza	Classic Cars	6906	89.14	151.08

1968 Dodge Charger	Classic Cars	9123	75.16	117.44
1969 Ford Falcon	Classic Cars	1049	83.05	173.02
1970 Plymouth Hemi Cuda	Classic Cars	5663	31.92	79.80
1969 Dodge Charger	Classic Cars	7323	58.73	115.16
1993 Mazda RX-7	Classic Cars	3975	83.51	141.54
1937 Lincoln Berline	Vintage Cars	8693	60.62	102.74
1936 Mercedes-Benz 500K Special Roadster	Vintage Cars	8635	24.26	53.91
1965 Aston Martin DB5	Classic Cars	9042	65.96	124.44
1917 Grand Touring Sedan	Vintage Cars	2724	86.70	170.00
1948 Porsche 356-A Roadster	Classic Cars	8826	53.90	77.00
1995 Honda Civic	Classic Cars	9772	93.89	142.25
1998 Chrysler Plymouth Prowler	Classic Cars	4724	101.51	163.73
1911 Ford Town Car	Vintage Cars	540	33.30	60.54
1932 Model A Ford J-Coupe	Vintage Cars	9354	58.48	127.13
1936 Harley Davidson El Knucklehead	Motorcycles	4357	24.23	60.57
1928 Mercedes-Benz SSK	Vintage Cars	548	72.56	168.75
1999 Indy 500 Monte Carlo SS	Classic Cars	8164	56.76	132.00
1913 Ford Model T Speedster	Vintage Cars	4189	60.78	101.31
1934 Ford V8 Coupe	Vintage Cars	5649	34.35	62.46
18th Century Vintage Horse Carriage	Vintage Cars	5992	60.74	104.72
1903 Ford Model A	Vintage Cars	3913	68.30	136.59
1992 Ferrari 360 Spider red	Classic Cars	8347	77.90	169.34
1985 Toyota Supra	Classic Cars	7733	57.01	107.57
1969 Dodge Super Bee	Classic Cars	1917	49.05	80.41
1917 Maxwell Touring Car	Vintage Cars	7913	57.54	99.21
1976 Ford Gran Torino	Classic Cars	9127	73.49	146.99
1948 Porsche Type 356 Roadster	Classic Cars	8990	62.16	141.28
1957 Vespa GS150	Motorcycles	7689	32.95	62.17
1941 Chevrolet Special Deluxe Cabriolet	Vintage Cars	2378	64.58	105.87
1970 Triumph Spitfire	Classic Cars	5545	91.92	143.62
1932 Alfa Romeo 8C2300 Spider Sport	Vintage Cars	6553	43.26	92.03

1904 Buick Runabout	Vintage Cars	8290	52.66	87.77
1939 Cadillac Limousine	Vintage Cars	6645	23.14	50.31
1957 Corvette Convertible	Classic Cars	1249	69.93	148.80
1957 Ford Thunderbird	Classic Cars	3209	34.21	71.27
1970 Chevy Chevelle SS 454	Classic Cars	1005	49.24	73.49
1970 Dodge Coronet	Classic Cars	4074	32.37	57.80
1997 BMW R 1100 S	Motorcycles	7003	60.86	112.70
1966 Shelby Cobra 427 S/C	Classic Cars	8197	29.18	50.31
1939 Chevrolet Deluxe Coupe	Vintage Cars	7332	22.57	33.19
1960 BSA Gold Star DBD34	Motorcycles	15	37.32	76.17
1938 Cadillac V-16 Presidential Limousine	Vintage Cars	2847	20.61	44.80
1982 Ducati 900 Monster	Motorcycles	6840	47.10	69.26
1949 Jaguar XK 120	Classic Cars	2350	47.25	90.87
1958 Chevy Corvette Limited Edition	Classic Cars	2542	15.91	35.36
1952 Citroen-15CV	Classic Cars	1452	72.82	117.44
1982 Lamborghini Diablo	Classic Cars	7723	16.24	37.76
1912 Ford Model T Delivery Wagon	Vintage Cars	9173	46.91	88.51
1969 Chevrolet Camaro Z28	Classic Cars	4695	50.51	85.61
1971 Alpine Renault 1600s	Classic Cars	7995	38.58	61.23
1937 Horch 930V Limousine	Vintage Cars	2902	26.30	65.75
2002 Chevy Corvette	Classic Cars	9446	62.11	107.08
1940 Ford Delivery Sedan	Vintage Cars	6621	48.64	83.86
1956 Porsche 356A Coupe	Classic Cars	6600	98.30	140.43
1936 Mercedes Benz 500k Roadster	Vintage Cars	2081	21.75	41.03
1992 Porsche Cayenne Turbo Silver	Classic Cars	6582	69.78	118.28
1936 Chrysler Airflow	Vintage Cars	4710	57.46	97.39
1961 Chevrolet Impala	Classic Cars	7869	32.33	80.84
1997 BMW F650 ST	Motorcycles	178	66.92	99.89
1982 Ducati 996 R	Motorcycles	9241	24.14	40.23
1928 Ford Phaeton Deluxe	Vintage Cars	136	33.02	68.79
1974 Ducati 350 Mk3 Desmo	Motorcycles	3341	56.13	102.05

| 1930 Buick Marquette Phaeton | Vintage Cars | 7062 | 27.06 | 43.64 |

| 2002 Yamaha YZR M1 | Motorcycles | 600 | 34.17 | 81.36 |

| 1982 Camaro Z28 | Classic Cars | 6934 | 46.53 | 101.15 |

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

75 rows in set (0.00 sec)

mysql> select productName, productLine, quantityinstock, buyprice, MSRP from products where productLine in ("Motorcycles","Classic Cars","Vintage cars") and quantityinstock > 8000;

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

| productName | productLine | quantityinstock | buyprice | MSRP |

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

| 2002 Suzuki XREO | Motorcycles | 9997 | 66.27 | 150.62 |

| 1968 Dodge Charger | Classic Cars | 9123 | 75.16 | 117.44 |

| 1937 Lincoln Berline | Vintage Cars | 8693 | 60.62 | 102.74 |

| 1936 Mercedes-Benz 500K Special Roadster | Vintage Cars | 8635 | 24.26 | 53.91 |

| 1965 Aston Martin DB5 | Classic Cars | 9042 | 65.96 | 124.44 |

| 1948 Porsche 356-A Roadster | Classic Cars | 8826 | 53.90 | 77.00 |

| 1995 Honda Civic | Classic Cars | 9772 | 93.89 | 142.25 |

| 1932 Model A Ford J-Coupe | Vintage Cars | 9354 | 58.48 | 127.13 |

| 1999 Indy 500 Monte Carlo SS | Classic Cars | 8164 | 56.76 | 132.00 |

| 1992 Ferrari 360 Spider red | Classic Cars | 8347 | 77.90 | 169.34 |

| 1976 Ford Gran Torino | Classic Cars | 9127 | 73.49 | 146.99 |

| 1948 Porsche Type 356 Roadster | Classic Cars | 8990 | 62.16 | 141.28 |

| 1904 Buick Runabout | Vintage Cars | 8290 | 52.66 | 87.77 |

| 1966 Shelby Cobra 427 S/C | Classic Cars | 8197 | 29.18 | 50.31 |

| 1912 Ford Model T Delivery Wagon | Vintage Cars | 9173 | 46.91 | 88.51 |

| 2002 Chevy Corvette | Classic Cars | 9446 | 62.11 | 107.08 |

| 1982 Ducati 996 R | Motorcycles | 9241 | 24.14 | 40.23 |

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

17 rows in set (0.00 sec)

```
mysql> select productName, productLine, quantityinstock, buyprice, MSRP from products where
productLine in ("Motorcycles","Classic Cars","Vintage cars") and quantityinstock > 8000 limit 5;

+----------------------------+--------------+-----------------+----------+--------+
| productName                | productLine  | quantityinstock | buyprice | MSRP   |
+----------------------------+--------------+-----------------+----------+--------+
| 1968 Dodge Charger         | Classic Cars |            9123 |    75.16 | 117.44 |
| 1965 Aston Martin DB5      | Classic Cars |            9042 |    65.96 | 124.44 |
| 1948 Porsche 356-A Roadster| Classic Cars |            8826 |    53.90 |  77.00 |
| 1995 Honda Civic           | Classic Cars |            9772 |    93.89 | 142.25 |
| 1999 Indy 500 Monte Carlo SS| Classic Cars |           8164 |    56.76 | 132.00 |
+----------------------------+--------------+-----------------+----------+--------+
5 rows in set (0.00 sec)
```

```
mysql> select productName, productLine, quantityinstock, buyprice, MSRP from products where
productLine in ("Motorcycles","Classic Cars","Vintage cars") and quantityinstock > 8000 order by
quantityinstock;

+--------------------------------------+--------------+-----------------+----------+--------+
| productName                          | productLine  | quantityinstock | buyprice | MSRP   |
+--------------------------------------+--------------+-----------------+----------+--------+
| 1999 Indy 500 Monte Carlo SS         | Classic Cars |            8164 |    56.76 | 132.00 |
| 1966 Shelby Cobra 427 S/C            | Classic Cars |            8197 |    29.18 |  50.31 |
| 1904 Buick Runabout                  | Vintage Cars |            8290 |    52.66 |  87.77 |
| 1992 Ferrari 360 Spider red          | Classic Cars |            8347 |    77.90 | 169.34 |
| 1936 Mercedes-Benz 500K Special Roadster | Vintage Cars |        8635 |    24.26 |  53.91 |
| 1937 Lincoln Berline                 | Vintage Cars |            8693 |    60.62 | 102.74 |
| 1948 Porsche 356-A Roadster          | Classic Cars |            8826 |    53.90 |  77.00 |
| 1948 Porsche Type 356 Roadster       | Classic Cars |            8990 |    62.16 | 141.28 |
| 1965 Aston Martin DB5                | Classic Cars |            9042 |    65.96 | 124.44 |
| 1968 Dodge Charger                   | Classic Cars |            9123 |    75.16 | 117.44 |
| 1976 Ford Gran Torino                | Classic Cars |            9127 |    73.49 | 146.99 |
| 1912 Ford Model T Delivery Wagon     | Vintage Cars |            9173 |    46.91 |  88.51 |
| 1982 Ducati 996 R                    | Motorcycles  |            9241 |    24.14 |  40.23 |
```

1932 Model A Ford J-Coupe	Vintage Cars	9354	58.48	127.13
2002 Chevy Corvette	Classic Cars	9446	62.11	107.08
1995 Honda Civic	Classic Cars	9772	93.89	142.25
2002 Suzuki XREO	Motorcycles	9997	66.27	150.62
+-----------------------------------+--------------+----------------+----------+--------+

17 rows in set (0.00 sec)

mysql> select productName, productLine, quantityinstock, buyprice, MSRP from products where productLine not in ("Motorcycles","Classic Cars") and quantityinstock > 8000 order by quantityinstock;

+---+-----------------+----------------+----------+--------+
| productName | productLine | quantityinstock | buyprice | MSRP |
+---+-----------------+----------------+----------+--------+
1964 Mercedes Tour Bus	Trucks and Buses	8258	74.86	122.73
1904 Buick Runabout	Vintage Cars	8290	52.66	87.77
1950's Chicago Surface Lines Streetcar	Trains	8601	26.72	62.14
1936 Mercedes-Benz 500K Special Roadster	Vintage Cars	8635	24.26	53.91
1937 Lincoln Berline	Vintage Cars	8693	60.62	102.74
American Airlines: MD-11S	Planes	8820	36.27	74.03
1912 Ford Model T Delivery Wagon	Vintage Cars	9173	46.91	88.51
1932 Model A Ford J-Coupe	Vintage Cars	9354	58.48	127.13
America West Airlines B757-200	Planes	9653	68.80	99.72
+---+-----------------+----------------+----------+--------+
9 rows in set (0.00 sec)

mysql> select productName, productLine, quantityinstock, buyprice, MSRP from products where productLine in ("Trucks and Buses","Planes") and quantityinstock > 8000 order by quantityinstock;

+--------------------------------+-----------------+----------------+----------+--------+
| productName | productLine | quantityinstock | buyprice | MSRP |
+--------------------------------+-----------------+----------------+----------+--------+
| 1964 Mercedes Tour Bus | Trucks and Buses | 8258 | 74.86 | 122.73 |
| American Airlines: MD-11S | Planes | 8820 | 36.27 | 74.03 |

| America West Airlines B757-200 | Planes | 9653 | 68.80 | 99.72 |

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

3 rows in set (0.00 sec)

mysql> SELECT employeeNumber FROM employees WHERE jobTitle IN ('President, 'VP Sales');

   '>

   '> SELECT employeeNumber FROM employees WHERE jobTitle IN ('President, 'VP Sales');

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 '?President, ?VP Sales');

SELECT employeeNumber FROM employees WHERE jobTitle I' at line 1

mysql> select employeeNumber from employees where jobtitle in ("President","VP sales");

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

| employeeNumber |

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

| 1002 |

| 1056 |

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

2 rows in set (0.00 sec)

mysql> SELECT employeeNumber FROM employees WHERE reportsTo NOT IN (1002, 1056);

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

| employeeNumber |

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

| 1611 |

| 1612 |

| 1619 |

| 1337 |

| 1370 |

| 1401 |

| 1501 |

| 1504 |

| 1702 |

| 1165 |

| 1166 |

| 1188 |

| 1216 |

| 1286 |

| 1323 |

| 1625 |

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

16 rows in set (0.00 sec)

mysql> select productName, productLine, quantityinstock, buyprice, MSRP from products where quantityinstock >= 4000 and quantityinstock <= 8000;

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

| productName | productLine | quantityinstock | buyprice | MSRP |

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

| 1969 Harley Davidson Ultimate Chopper | Motorcycles | 7933 | 48.81 | 95.70 |

| 1952 Alpine Renault 1300 | Classic Cars | 7305 | 98.58 | 214.30 |

| 1996 Moto Guzzi 1100i | Motorcycles | 6625 | 68.99 | 118.94 |

| 2003 Harley-Davidson Eagle Drag Bike | Motorcycles | 5582 | 91.02 | 193.66 |

| 1962 LanciaA Delta 16V | Classic Cars | 6791 | 103.42 | 147.74 |

| 1969 Corvair Monza | Classic Cars | 6906 | 89.14 | 151.08 |

| 1970 Plymouth Hemi Cuda | Classic Cars | 5663 | 31.92 | 79.80 |

| 1957 Chevy Pickup | Trucks and Buses | 6125 | 55.70 | 118.50 |

| 1969 Dodge Charger | Classic Cars | 7323 | 58.73 | 115.16 |

| 1980s Black Hawk Helicopter | Planes | 5330 | 77.27 | 157.69 |

| 1998 Chrysler Plymouth Prowler | Classic Cars | 4724 | 101.51 | 163.73 |

| 1936 Harley Davidson El Knucklehead | Motorcycles | 4357 | 24.23 | 60.57 |

| 1913 Ford Model T Speedster | Vintage Cars | 4189 | 60.78 | 101.31 |

| 1934 Ford V8 Coupe | Vintage Cars | 5649 | 34.35 | 62.46 |

1999 Yamaha Speed Boat	Ships	4259	51.61	86.02
18th Century Vintage Horse Carriage	Vintage Cars	5992	60.74	104.72
1985 Toyota Supra	Classic Cars	7733	57.01	107.57
Collectable Wooden Train	Trains	6450	67.56	100.84
1917 Maxwell Touring Car	Vintage Cars	7913	57.54	99.21
1957 Vespa GS150	Motorcycles	7689	32.95	62.17
1970 Triumph Spitfire	Classic Cars	5545	91.92	143.62
1932 Alfa Romeo 8C2300 Spider Sport	Vintage Cars	6553	43.26	92.03
1939 Cadillac Limousine	Vintage Cars	6645	23.14	50.31
1970 Dodge Coronet	Classic Cars	4074	32.37	57.80
1997 BMW R 1100 S	Motorcycles	7003	60.86	112.70
1939 Chevrolet Deluxe Coupe	Vintage Cars	7332	22.57	33.19
1982 Ducati 900 Monster	Motorcycles	6840	47.10	69.26
1900s Vintage Bi-Plane	Planes	5942	34.25	68.51
1982 Lamborghini Diablo	Classic Cars	7723	16.24	37.76
1969 Chevrolet Camaro Z28	Classic Cars	4695	50.51	85.61
1971 Alpine Renault 1600s	Classic Cars	7995	38.58	61.23
1940 Ford Delivery Sedan	Vintage Cars	6621	48.64	83.86
1956 Porsche 356A Coupe	Classic Cars	6600	98.30	140.43
Corsair F4U (Bird Cage)	Planes	6812	29.34	68.24
1992 Porsche Cayenne Turbo Silver	Classic Cars	6582	69.78	118.28
1936 Chrysler Airflow	Vintage Cars	4710	57.46	97.39
1961 Chevrolet Impala	Classic Cars	7869	32.33	80.84
1980?s GM Manhattan Express	Trucks and Buses	5099	53.93	96.31
1930 Buick Marquette Phaeton	Vintage Cars	7062	27.06	43.64
American Airlines: B767-300	Planes	5841	51.15	91.34
The USS Constitution Ship	Ships	7083	33.97	72.28
1982 Camaro Z28	Classic Cars	6934	46.53	101.15
ATA: B757-300	Planes	7106	59.33	118.65
The Queen Mary	Ships	5088	53.63	99.31
Boeing X-32A JSF	Planes	4857	32.77	49.66

```
+-----------------------------------+-----------------+----------------+----------+-------+
```

45 rows in set (0.00 sec)

mysql> select productName, productLine, quantityinstock, buyprice, MSRP from products where quantityinstock between 4000 and 8000;

```
+-----------------------------------+-----------------+----------------+----------+-------+
```

| productName | productLine | quantityinstock | buyprice | MSRP |

```
+-----------------------------------+-----------------+----------------+----------+-------+
```

1969 Harley Davidson Ultimate Chopper	Motorcycles	7933	48.81	95.70
1952 Alpine Renault 1300	Classic Cars	7305	98.58	214.30
1996 Moto Guzzi 1100i	Motorcycles	6625	68.99	118.94
2003 Harley-Davidson Eagle Drag Bike	Motorcycles	5582	91.02	193.66
1962 LanciaA Delta 16V	Classic Cars	6791	103.42	147.74
1969 Corvair Monza	Classic Cars	6906	89.14	151.08
1970 Plymouth Hemi Cuda	Classic Cars	5663	31.92	79.80
1957 Chevy Pickup	Trucks and Buses	6125	55.70	118.50
1969 Dodge Charger	Classic Cars	7323	58.73	115.16
1980s Black Hawk Helicopter	Planes	5330	77.27	157.69
1998 Chrysler Plymouth Prowler	Classic Cars	4724	101.51	163.73
1936 Harley Davidson El Knucklehead	Motorcycles	4357	24.23	60.57
1913 Ford Model T Speedster	Vintage Cars	4189	60.78	101.31
1934 Ford V8 Coupe	Vintage Cars	5649	34.35	62.46
1999 Yamaha Speed Boat	Ships	4259	51.61	86.02
18th Century Vintage Horse Carriage	Vintage Cars	5992	60.74	104.72
1985 Toyota Supra	Classic Cars	7733	57.01	107.57
Collectable Wooden Train	Trains	6450	67.56	100.84
1917 Maxwell Touring Car	Vintage Cars	7913	57.54	99.21
1957 Vespa GS150	Motorcycles	7689	32.95	62.17
1970 Triumph Spitfire	Classic Cars	5545	91.92	143.62
1932 Alfa Romeo 8C2300 Spider Sport	Vintage Cars	6553	43.26	92.03
1939 Cadillac Limousine	Vintage Cars	6645	23.14	50.31

| 1970 Dodge Coronet | Classic Cars | 4074 | 32.37 | 57.80 |

| 1997 BMW R 1100 S | Motorcycles | 7003 | 60.86 | 112.70 |

| 1939 Chevrolet Deluxe Coupe | Vintage Cars | 7332 | 22.57 | 33.19 |

| 1982 Ducati 900 Monster | Motorcycles | 6840 | 47.10 | 69.26 |

| 1900s Vintage Bi-Plane | Planes | 5942 | 34.25 | 68.51 |

| 1982 Lamborghini Diablo | Classic Cars | 7723 | 16.24 | 37.76 |

| 1969 Chevrolet Camaro Z28 | Classic Cars | 4695 | 50.51 | 85.61 |

| 1971 Alpine Renault 1600s | Classic Cars | 7995 | 38.58 | 61.23 |

| 1940 Ford Delivery Sedan | Vintage Cars | 6621 | 48.64 | 83.86 |

| 1956 Porsche 356A Coupe | Classic Cars | 6600 | 98.30 | 140.43 |

| Corsair F4U (Bird Cage) | Planes | 6812 | 29.34 | 68.24 |

| 1992 Porsche Cayenne Turbo Silver | Classic Cars | 6582 | 69.78 | 118.28 |

| 1936 Chrysler Airflow | Vintage Cars | 4710 | 57.46 | 97.39 |

| 1961 Chevrolet Impala | Classic Cars | 7869 | 32.33 | 80.84 |

| 1980?s GM Manhattan Express | Trucks and Buses | 5099 | 53.93 | 96.31 |

| 1930 Buick Marquette Phaeton | Vintage Cars | 7062 | 27.06 | 43.64 |

| American Airlines: B767-300 | Planes | 5841 | 51.15 | 91.34 |

| The USS Constitution Ship | Ships | 7083 | 33.97 | 72.28 |

| 1982 Camaro Z28 | Classic Cars | 6934 | 46.53 | 101.15 |

| ATA: B757-300 | Planes | 7106 | 59.33 | 118.65 |

| The Queen Mary | Ships | 5088 | 53.63 | 99.31 |

| Boeing X-32A JSF | Planes | 4857 | 32.77 | 49.66 |

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

45 rows in set (0.13 sec)

mysql> select productName, productLine, quantityinstock, buyprice, MSRP from products where productname between "A" and "D";

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

| productName | productLine | quantityinstock | buyprice | MSRP |

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

| Collectable Wooden Train | Trains | 6450 | 67.56 | 100.84 |

```
| Corsair F4U ( Bird Cage)      | Planes    |      6812 |  29.34 | 68.24 |
| American Airlines: B767-300   | Planes    |      5841 |  51.15 | 91.34 |
| America West Airlines B757-200 | Planes   |      9653 |  68.80 | 99.72 |
| ATA: B757-300                 | Planes    |      7106 |  59.33 | 118.65 |
| American Airlines: MD-11S     | Planes    |      8820 |  36.27 | 74.03 |
| Boeing X-32A JSF              | Planes    |      4857 |  32.77 | 49.66 |
+-------------------------------+------------+----------------+----------+--------+
7 rows in set (0.00 sec)
```

mysql> select productName, productLine, quantityinstock, buyprice, MSRP from products where productname between "Abc" and "cap";

```
+-------------------------------+------------+----------------+----------+--------+
| productName                   | productLine | quantityinstock | buyprice | MSRP   |
+-------------------------------+------------+----------------+----------+--------+
| American Airlines: B767-300   | Planes    |      5841 |  51.15 | 91.34 |
| America West Airlines B757-200 | Planes   |      9653 |  68.80 | 99.72 |
| ATA: B757-300                 | Planes    |      7106 |  59.33 | 118.65 |
| American Airlines: MD-11S     | Planes    |      8820 |  36.27 | 74.03 |
| Boeing X-32A JSF              | Planes    |      4857 |  32.77 | 49.66 |
+-------------------------------+------------+----------------+----------+--------+
5 rows in set (0.00 sec)
```

mysql> select productName, productLine, quantityinstock, buyprice, MSRP from products where quantityinstock not between 4000 and 8000;

```
+-------------------------------------------+-----------------+----------------+----------+--------+
| productName                               | productLine     | quantityinstock | buyprice | MSRP   |
+-------------------------------------------+-----------------+----------------+----------+--------+
| 1972 Alfa Romeo GTA                       | Classic Cars    |      3252 |  85.68 | 136.00 |
| 1968 Ford Mustang                         | Classic Cars    |        68 |  95.34 | 194.57 |
| 2001 Ferrari Enzo                         | Classic Cars    |      3619 |  95.59 | 207.80 |
| 1958 Setra Bus                            | Trucks and Buses |      1579 |  77.90 | 136.67 |
| 2002 Suzuki XREO                          | Motorcycles     |      9997 |  66.27 | 150.62 |
```

1968 Dodge Charger	Classic Cars	9123	75.16	117.44
1969 Ford Falcon	Classic Cars	1049	83.05	173.02
1940 Ford Pickup Truck	Trucks and Buses	2613	58.33	116.67
1993 Mazda RX-7	Classic Cars	3975	83.51	141.54
1937 Lincoln Berline	Vintage Cars	8693	60.62	102.74
1936 Mercedes-Benz 500K Special Roadster	Vintage Cars	8635	24.26	53.91
1965 Aston Martin DB5	Classic Cars	9042	65.96	124.44
1917 Grand Touring Sedan	Vintage Cars	2724	86.70	170.00
1948 Porsche 356-A Roadster	Classic Cars	8826	53.90	77.00
1995 Honda Civic	Classic Cars	9772	93.89	142.25
1911 Ford Town Car	Vintage Cars	540	33.30	60.54
1964 Mercedes Tour Bus	Trucks and Buses	8258	74.86	122.73
1932 Model A Ford J-Coupe	Vintage Cars	9354	58.48	127.13
1926 Ford Fire Engine	Trucks and Buses	2018	24.92	60.77
P-51-D Mustang	Planes	992	49.00	84.48
1928 Mercedes-Benz SSK	Vintage Cars	548	72.56	168.75
1999 Indy 500 Monte Carlo SS	Classic Cars	8164	56.76	132.00
1903 Ford Model A	Vintage Cars	3913	68.30	136.59
1992 Ferrari 360 Spider red	Classic Cars	8347	77.90	169.34
1969 Dodge Super Bee	Classic Cars	1917	49.05	80.41
1976 Ford Gran Torino	Classic Cars	9127	73.49	146.99
1948 Porsche Type 356 Roadster	Classic Cars	8990	62.16	141.28
1941 Chevrolet Special Deluxe Cabriolet	Vintage Cars	2378	64.58	105.87
1904 Buick Runabout	Vintage Cars	8290	52.66	87.77
1940s Ford truck	Trucks and Buses	3128	84.76	121.08
1957 Corvette Convertible	Classic Cars	1249	69.93	148.80
1957 Ford Thunderbird	Classic Cars	3209	34.21	71.27
1970 Chevy Chevelle SS 454	Classic Cars	1005	49.24	73.49
1966 Shelby Cobra 427 S/C	Classic Cars	8197	29.18	50.31
1928 British Royal Navy Airplane	Planes	3627	66.74	109.42
1960 BSA Gold Star DBD34	Motorcycles	15	37.32	76.17

18th century schooner	Ships	1898	82.34	122.89
1938 Cadillac V-16 Presidential Limousine	Vintage Cars	2847	20.61	44.80
1962 Volkswagen Microbus	Trucks and Buses	2327	61.34	127.79
1949 Jaguar XK 120	Classic Cars	2350	47.25	90.87
1958 Chevy Corvette Limited Edition	Classic Cars	2542	15.91	35.36
1952 Citroen-15CV	Classic Cars	1452	72.82	117.44
1912 Ford Model T Delivery Wagon	Vintage Cars	9173	46.91	88.51
1937 Horch 930V Limousine	Vintage Cars	2902	26.30	65.75
2002 Chevy Corvette	Classic Cars	9446	62.11	107.08
1936 Mercedes Benz 500k Roadster	Vintage Cars	2081	21.75	41.03
1900s Vintage Tri-Plane	Planes	2756	36.23	72.45
1997 BMW F650 ST	Motorcycles	178	66.92	99.89
1982 Ducati 996 R	Motorcycles	9241	24.14	40.23
1954 Greyhound Scenicruiser	Trucks and Buses	2874	25.98	54.11
1950's Chicago Surface Lines Streetcar	Trains	8601	26.72	62.14
1996 Peterbilt 379 Stake Bed with Outrigger	Trucks and Buses	814	33.61	64.64
1928 Ford Phaeton Deluxe	Vintage Cars	136	33.02	68.79
1974 Ducati 350 Mk3 Desmo	Motorcycles	3341	56.13	102.05
Diamond T620 Semi-Skirted Tanker	Trucks and Buses	1016	68.29	115.75
1962 City of Detroit Streetcar	Trains	1645	37.49	58.58
2002 Yamaha YZR M1	Motorcycles	600	34.17	81.36
The Schooner Bluenose	Ships	1897	34.00	66.67
The Mayflower	Ships	737	43.30	86.61
HMS Bounty	Ships	3501	39.83	90.52
America West Airlines B757-200	Planes	9653	68.80	99.72
F/A 18 Hornet 1/72	Planes	551	54.40	80.00
The Titanic	Ships	1956	51.09	100.17
American Airlines: MD-11S	Planes	8820	36.27	74.03
Pont Yacht	Ships	414	33.30	54.60

65 rows in set (0.00 sec)

```
mysql> select productline from products where msrp between 50 and 90 and productline not in
("Ships","Planes");

+------------------+
| productline      |
+------------------+
| Classic Cars     |
| Vintage Cars     |
| Classic Cars     |
| Vintage Cars     |
| Trucks and Buses |
| Motorcycles      |
| Vintage Cars     |
| Classic Cars     |
| Motorcycles      |
| Vintage Cars     |
| Vintage Cars     |
| Classic Cars     |
| Classic Cars     |
| Classic Cars     |
| Classic Cars     |
| Motorcycles      |
| Motorcycles      |
| Vintage Cars     |
| Classic Cars     |
| Classic Cars     |
| Vintage Cars     |
| Vintage Cars     |
| Classic Cars     |
| Trucks and Buses |
| Trains           |
```

```
| Trucks and Buses |
| Vintage Cars     |
| Trains           |
| Motorcycles      |
+------------------+
29 rows in set (0.00 sec)
```

mysql> select distinct productline from products where msrp between 50 and 90 and productline not in ("Ships","Planes");

```
+------------------+
| productline      |
+------------------+
| Classic Cars     |
| Motorcycles      |
| Trains           |
| Trucks and Buses |
| Vintage Cars     |
+------------------+
5 rows in set (0.00 sec)
```

mysql> select customerNumber, customerName from customers where customerName like "C%";

```
+----------------+------------------------------+
| customerNumber | customerName                 |
+----------------+------------------------------+
|            173 | Cambridge Collectables Co.   |
|            189 | Clover Collections, Co.      |
|            202 | Canadian Gift Exchange Network |
|            239 | Collectable Mini Designs Co. |
|            321 | Corporate Gift Ideas Co.     |
|            335 | Cramer Spezialitäten, Ltd    |
|            339 | Classic Gift Ideas, Inc      |
```

```
|           344 | CAF Imports              |
|           379 | Collectables For Less Inc.   |
|           385 | Cruz & Sons Co.          |
|           424 | Classic Legends Inc.      |
|           458 | Corrida Auto Replicas, Ltd   |
+---------------+------------------------------+
12 rows in set (0.01 sec)


mysql> select customerNumber, customerName from customers where customerName like "C%co.";
+---------------+----------------------------+
| customerNumber | customerName              |
+---------------+----------------------------+
|           173 | Cambridge Collectables Co.   |
|           189 | Clover Collections, Co.      |
|           239 | Collectable Mini Designs Co. |
|           321 | Corporate Gift Ideas Co.     |
|           385 | Cruz & Sons Co.           |
+---------------+----------------------------+
5 rows in set (0.00 sec)


mysql> select customerNumber, customerName from customers where customerName like "C%m%co.";
+---------------+----------------------------+
| customerNumber | customerName              |
+---------------+----------------------------+
|           173 | Cambridge Collectables Co.   |
|           239 | Collectable Mini Designs Co. |
+---------------+----------------------------+
2 rows in set (0.00 sec)


mysql> select customerNumber, customerName from customers where customerName like "_a%";
```

```
+----------------+----------------------------------+
| customerNumber | customerName                     |
+----------------+----------------------------------+
|            119 | La Rochelle Gifts                |
|            121 | Baane Mini Imports               |
|            125 | Havel & Zbyszek Co               |
|            131 | Land of Toys Inc.                |
|            145 | Danish Wholesale Imports         |
|            146 | Saveley & Henriot, Co.           |
|            166 | Handji Gifts& Co                 |
|            171 | Daedalus Designs Imports         |
|            172 | La Corne D'abondance, Co.        |
|            173 | Cambridge Collectables Co.       |
|            202 | Canadian Gift Exchange Network   |
|            223 | Natürlich Autos                  |
|            286 | Marta's Replicas Co.             |
|            344 | CAF Imports                      |
|            350 | Marseille Mini Autos             |
|            356 | SAR Distributors, Co             |
|            382 | Salzburg Collectables            |
|            415 | Bavarian Collectables Imports, Co. |
|            459 | Warburg Exchange                 |
|            481 | Raanan Stores, Inc               |
+----------------+----------------------------------+
20 rows in set (0.00 sec)

mysql> select * from customers where customername like "%\%%"';
    '> select * from customers where customername like "%\%%";
    '> ;
    '> ^C
mysql> select firstname from employees where firstname like "L%" and reportsTo = 1143;
```

```
+-----------+
| firstname |
+-----------+
| Leslie    |
| Leslie    |
+-----------+
2 rows in set (0.00 sec)
```

mysql> select firstname,lastname from employees where firstname like "L%" and reportsTo = 1143;

```
+-----------+----------+
| firstname | lastname |
+-----------+----------+
| Leslie    | Jennings |
| Leslie    | Thompson |
+-----------+----------+
2 rows in set (0.00 sec)
```

mysql> SELECT phone from customers WHERE customerName LIKE "%to-Mo%";

```
+------------+
| phone      |
+------------+
| 6175558428 |
+------------+
1 row in set (0.00 sec)
```

mysql> Select * from payments left join customers ;

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> desc payments;

```
+---------------+--------------+------+-----+---------+-------+
| Field         | Type         | Null | Key | Default | Extra |
```

```
+----------------+--------------+------+-----+---------+-------+
| customerNumber | int         | NO  | PRI | NULL   |      |
| checkNumber    | varchar(50) | NO  | PRI | NULL   |      |
| paymentDate    | date        | NO  |     | NULL   |      |
| amount         | decimal(10,2) | NO  |     | NULL   |      |
+----------------+--------------+------+-----+---------+-------+
4 rows in set (0.00 sec)


mysql> desc customers;
+-----------------------+--------------+------+-----+---------+-------+
| Field                 | Type        | Null | Key | Default | Extra |
+-----------------------+--------------+------+-----+---------+-------+
| customerNumber        | int         | NO  | PRI | NULL   |      |
| customerName          | varchar(50) | NO  |     | NULL   |      |
| contactLastName       | varchar(50) | NO  |     | NULL   |      |
| contactFirstName      | varchar(50) | NO  |     | NULL   |      |
| phone                 | varchar(50) | NO  |     | NULL   |      |
| addressLine1          | varchar(50) | NO  |     | NULL   |      |
| addressLine2          | varchar(50) | YES |     | NULL   |      |
| city                  | varchar(50) | NO  |     | NULL   |      |
| state                 | varchar(50) | YES |     | NULL   |      |
| postalCode            | varchar(15) | YES |     | NULL   |      |
| country               | varchar(50) | NO  |     | NULL   |      |
| salesRepEmployeeNumber | int        | YES | MUL | NULL   |      |
| creditLimit           | decimal(10,2) | YES |     | NULL   |      |
+-----------------------+--------------+------+-----+---------+-------+
13 rows in set (0.00 sec)


mysql> Select * from payments left join customers on payments.customerNumber = customers.customernumbers;
ERROR 1054 (42S22): Unknown column 'customers.customernumbers' in 'on clause'
```

```
mysql> Select count(*) from payments left join customers on payments.customerNumber =
customers.customernumber;

+----------+
| count(*) |
+----------+
|      273 |
+----------+
1 row in set (0.00 sec)


mysql>
```