Part one

1. There are no tables in the test database.

```
mysql> use test;
Database changed
mysql> show tables;
Empty set (0.00 sec)
```

2. Name, ret, dl, type

```
mysql> desc func
    -> ;
+-------+---------------------------------+------+-----+---------+-------+
| Field | Type                            | Null | Key | Default | Extra |
+-------+---------------------------------+------+-----+---------+-------+
| name  | char(64)                        | NO   | PRI |         |       |
| ret   | tinyint(1)                      | NO   |     | 0       |       |
| dl    | char(128)                       | NO   |     |         |       |
| type  | enum('function','aggregate')    | NO   |     | NULL    |       |
+-------+---------------------------------+------+-----+---------+-------+
4 rows in set (0.00 sec)

mysql>
```

3.

```
mysql> create table states (name VARCHAR(20), population int, ID VARCHAR(5), cul
ture varchar(20), other enum('ss'))
    -> ;
Query OK, 0 rows affected (0.00 sec)

mysql> desc states;
+------------+-------------+------+-----+---------+-------+
| Field      | Type        | Null | Key | Default | Extra |
+------------+-------------+------+-----+---------+-------+
| name       | varchar(20) | YES  |     | NULL    |       |
| population | int(11)     | YES  |     | NULL    |       |
| ID         | varchar(5)  | YES  |     | NULL    |       |
| culture    | varchar(20) | YES  |     | NULL    |       |
| other      | enum('ss')  | YES  |     | NULL    |       |
+------------+-------------+------+-----+---------+-------+
5 rows in set (0.00 sec)

mysql>
```

```
mysql> insert INTO states
    -> (name, population)
    -> values
    -> ("Tennessee", 6300000)
    -> ;
Query OK, 1 row affected (0.00 sec)

mysql> insert INTO states (name, population) values ("Mississippi", 3000000);
Query OK, 1 row affected (0.00 sec)

mysql> insert INTO states (name, population) values ("Arkansas", 3000000);
Query OK, 1 row affected (0.00 sec)

mysql> insert INTO states (name, population) values ("Kentucky", 4395000);
Query OK, 1 row affected (0.01 sec)

mysql> insert INTO states (name, population) values ("Missouri", 6044000);
Query OK, 1 row affected (0.00 sec)

mysql> insert INTO states (name, population) values ("Florida", 19000000);
Query OK, 1 row affected (0.00 sec)

mysql> insert INTO states (name, population) values ("California", 38000000);
Query OK, 1 row affected (0.00 sec)

mysql> insert INTO states (name, population) values ("Texas", 26000000);
Query OK, 1 row affected (0.01 sec)

mysql> insert INTO states (name, population) values ("New Jersey", 8900000);
Query OK, 1 row affected (0.00 sec)

mysql> insert INTO states (name, population) values ("Oklahoma", 3800000);
Query OK, 1 row affected (0.01 sec)
```

```
mysql> select * from states order by population desc;
+-------------+------------+------+---------+-------+
| name        | population | ID   | culture | other |
+-------------+------------+------+---------+-------+
| California  |   38000000 | NULL | NULL    | NULL  |
| Texas       |   26000000 | NULL | NULL    | NULL  |
| Florida     |   19000000 | NULL | NULL    | NULL  |
| New Jersey  |    8900000 | NULL | NULL    | NULL  |
| Tennessee   |    6300000 | NULL | NULL    | NULL  |
| Missouri    |    6044000 | NULL | NULL    | NULL  |
| Kentucky    |    4395000 | NULL | NULL    | NULL  |
| Oklahoma    |    3800000 | NULL | NULL    | NULL  |
| Arkansas    |    3000000 | NULL | NULL    | NULL  |
| Mississippi |    3000000 | NULL | NULL    | NULL  |
+-------------+------------+------+---------+-------+
10 rows in set (0.00 sec)

mysql>
```