

1.

```
mysql> show tables;
```

```
+-----+
| Tables_in_cms2080 |
+-----+
| department        |
+-----+
1 row in set (0.01 sec)
```

```
mysql> describe department;
```

```
+-----+-----+-----+-----+-----+-----+
| Field      | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| dept_id    | decimal(4,0)  | NO   | PRI | NULL    |       |
| dept_name  | varchar(25)   | NO   |     | NULL    |       |
| dept_block_no | decimal(4,0)  | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
```

3 rows in set (0.00 sec)

```
mysql> show tables;
```

```
+-----+
| Tables_in_cms2080 |
+-----+
| department        |
| student           |
+-----+
2 rows in set (0.01 sec)
```

```
mysql> describe student;
```

```
+-----+-----+-----+-----+-----+-----+
| Field      | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| stu_id     | decimal(4,0)  | NO   | PRI | NULL    |       |
| stu_name   | varchar(25)   | NO   |     | NULL    |       |
| stu_address | varchar(25)   | YES  |     | NULL    |       |
| dept_id    | decimal(4,0)  | YES  | MUL | NULL    |       |
| age        | decimal(3,0)  | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
```

5 rows in set (0.01 sec)

```
mysql> show tables;
```

```
+-----+
| Tables_in_cms2080 |
+-----+
| department        |
| staff             |
| student           |
+-----+
3 rows in set (0.01 sec)
```

```
mysql> describe staff;
```

```
+-----+-----+-----+-----+-----+-----+
| Field      | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| staff_id   | decimal(4,0)  | NO   | PRI | NULL    |       |
| staff_name | varchar(25)   | YES  |     | NULL    |       |
| dept_id    | decimal(4,0)  | YES  | MUL | NULL    |       |
+-----+-----+-----+-----+-----+-----+
```

3 rows in set (0.00 sec)

```
mysql> show tables;
```

| Tables_in_cms2080 |  |
|-------------------|--|
| department        |  |
| marks             |  |
| staff             |  |
| student           |  |
| subject           |  |

5 rows in set (0.00 sec)

```
mysql> describe marks;
```

| Field        | Type         | Null | Key | Default | Extra |
|--------------|--------------|------|-----|---------|-------|
| marks_obtain | decimal(4,0) | YES  |     | NULL    |       |
| sub_id       | decimal(4,0) | NO   | PRI | NULL    |       |
| stu_id       | decimal(4,0) | NO   | PRI | NULL    |       |

| Tables_in_cms2080 |  |
|-------------------|--|
| department        |  |
| staff             |  |
| student           |  |
| subject           |  |

4 rows in set (0.01 sec)

```
mysql> describe subject;
```

| Field    | Type         | Null | Key | Default | Extra |
|----------|--------------|------|-----|---------|-------|
| sub_id   | decimal(4,0) | NO   | PRI | NULL    |       |
| sub_name | varchar(25)  | YES  |     | NULL    |       |
| sub_code | varchar(25)  | YES  |     | NULL    |       |
| staff_id | decimal(4,0) | YES  | MUL | NULL    |       |

4 rows in set (0.00 sec)

```
mysql> alter table student
-> modify stu_name varchar(40) not null;
Query OK, 0 rows affected (0.02 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> describe studnet;
ERROR 1146 (42S02): Table 'cms2080.studnet' doesn't exist
mysql> describe student;
```

| Field       | Type         | Null | Key | Default | Extra |
|-------------|--------------|------|-----|---------|-------|
| stu_id      | decimal(4,0) | NO   | PRI | NULL    |       |
| stu_name    | varchar(40)  | NO   |     | NULL    |       |
| stu_address | varchar(25)  | YES  |     | NULL    |       |
| dept_id     | decimal(4,0) | YES  | MUL | NULL    |       |
| age         | decimal(3,0) | YES  |     | NULL    |       |

5 rows in set (0.01 sec)

3.

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

```
mysql> describe student;
```

| Field       | Type         | Null | Key | Default | Extra |
|-------------|--------------|------|-----|---------|-------|
| stu_id      | decimal(4,0) | NO   | PRI | NULL    |       |
| stu_name    | varchar(40)  | NO   |     | NULL    |       |
| stu_address | varchar(25)  | YES  |     | NULL    |       |
| dept_id     | decimal(4,0) | YES  | MUL | NULL    |       |

4 rows in set (0.01 sec)