

```
mysql> use laddu;
Database changed
mysql> create table Department(DeptID int primary key,DeptName varchar(50));
Query OK, 0 rows affected (0.05 sec)
```

```
mysql> show tables;
+-----+
| Tables_in_laddu |
+-----+
| department      |
+-----+
1 row in set (0.00 sec)
```

```
mysql> desc Department;
+-----+-----+-----+-----+-----+-----+
| Field      | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| DeptID     | int           | NO   | PRI | NULL    |       |
| DeptName   | varchar(50)   | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

```
mysql> |
```

```
mysql> create table Employees(EmpID int primary key,EmpName varchar(50),DeptID int,foreign key(DeptID)references Department (DeptID))
;
Query OK, 0 rows affected (0.12 sec)
```

```
mysql> show tables;
```

Tables_in_laddu
department
employees

2 rows in set (0.00 sec)

```
mysql> desc employees;
```

Field	Type	Null	Key	Default	Extra
EmpID	int	NO	PRI	NULL	
EmpName	varchar(50)	YES		NULL	
DeptID	int	YES	MUL	NULL	

3 rows in set (0.00 sec)

```
mysql> create table user(userID int primary key,email varchar(100) unique);
Query OK, 0 rows affected (0.11 sec)
```

```
mysql> show tables;
```

Tables_in_laddu
department
employees
user

3 rows in set (0.00 sec)

```
mysql> desc user;
```

Field	Type	Null	Key	Default	Extra
userID	int	NO	PRI	NULL	
email	varchar(100)	YES	UNI	NULL	

2 rows in set (0.00 sec)

```
mysql> |
```

```
mysql> create table product(productID int primary key,price decimal(10,2) check (price>0));
Query OK, 0 rows affected (0.06 sec)
```

```
mysql> shoe tables;
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 'shoe tables' at line 1
```

```
mysql> show tables;
+-----+
| Tables_in_laddu |
+-----+
| department      |
| employees       |
| product         |
| user            |
+-----+
4 rows in set (0.00 sec)
```

```
mysql> desc product;
+-----+-----+-----+-----+-----+-----+
| Field      | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| productID  | int           | NO   | PRI | NULL    |       |
| price      | decimal(10,2) | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

```
mysql> |
```



```
mysql> create table orders(ordersID int primary key,status varchar(20) default 'pending');
Query OK, 0 rows affected (0.04 sec)
```

```
mysql> show tables;
```

Tables_in_laddu
department
employees
orders
product
user

5 rows in set (0.00 sec)

```
mysql> desc orders;
```

Field	Type	Null	Key	Default	Extra
ordersID	int	NO	PRI	NULL	
status	varchar(20)	YES		pending	

2 rows in set (0.00 sec)

```
mysql>
```

```
mysql> create table course(courseID int primary key,coursename varchar(50) not null);
Query OK, 0 rows affected (0.04 sec)
```

```
mysql> show tables;
```

Tables_in_laddu
course
department
employees
orders
product
user

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

```
mysql> desc course;
```

Field	Type	Null	Key	Default	Extra
courseID	int	NO	PRI	NULL	
coursename	varchar(50)	NO		NULL	

```
2 rows in set (0.00 sec)
```

```
mysql>
```