|  |  |  |
| --- | --- | --- |
| Item no | Item name | Price |
| 1 | Coca Cola | 40.0 |
| 2 | Lays | 20.0 |
| 3 | Cadbury | 100.0 |
| 4 | Tropicana | 20.0 |
| 5 | Heinz | 45.0 |
| 6 | Maggi | 35.0 |
| 7 | Oreo | 70.0 |
| 8 | Kellogs | 100.0 |
| 9 | Quaker Oats | 70. |
| 10 | Pringles | 100.0 |
| 11 | Cavins | 30.0 |
| 12 | Kwality Walls | 20.0 |
| 13 | Cup Noodles | 50.0 |
| 14 | Sprite | 25.0 |
| 15 | Hide and Seek | 40.0 |
| 16 | Bread | 40.0 |
| 17 | Milk | 25.0 |
| 18 | Snickers | 45.0 |
| 19 | Jim Jam | 25.0 |
| 20 | Pasta | 40.0 |

Item Table

Shop Table

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Shop ID | Shop Name | Phone No | Start Timings | End Timings | Paytm | Gpay |
| 0 | MK Retail | 6473849328 | 6:00:00 | 21:00:00 | 6473849328 | 6473849328 |
| 1 | Aishwarya | 7584758394 | 5:00:00 | 20:00:00 | 7584758394 | 7584758394 |
| 3 | Reliance Mart | 8839485738 | 6:00:00 | 22:00:00 | 8839485738 | 8839485738 |
| 5 | More | 3849384758 | 5:00:00 | 23:00:00 | 38493847583 | 38493847583 |

Kiosk

|  |
| --- |
| Kiosk ID |
| 2 |
| 4 |

Shop item

|  |  |  |
| --- | --- | --- |
| ShopID | Item No | Quantity |
| 0 | 2 | 10 |
| 0 | 5 | 4 |
| 0 | 7 | 12 |
| 0 | 9 | 18 |
| 0 | 11 | 25 |
| 0 | 13 | 6 |
| 0 | 15 | 7 |
| 1 | 1 | 45 |
| 1 | 2 | 23 |
| 1 | 3 | 77 |
| 1 | 4 | 11 |
| 1 | 5 | 55 |
| 3 | 2 | 34 |
| 3 | 4 | 25 |
| 3 | 17 | 67 |
| 3 | 19 | 89 |
| 3 | 20 | 12 |
| 5 | 13 | 11 |
| 5 | 11 | 7 |
| 5 | 12 | 44 |
| 5 | 13 | 33 |
| 5 | 7 | 88 |
| 5 | 8 | 20 |
| 5 | 9 | 100 |
| 5 | 5 | 34 |
| 5 | 6 | 65 |
|  |  |  |

Enter password: \*\*\*\*

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

Your MySQL connection id is 14

Server version: 8.0.21 MySQL Community Server - GPL

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owners.

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

mysql> create database amex;

Query OK, 1 row affected (0.01 sec)

mysql> use amex;

Database changed

mysql> show tables;

Empty set (0.03 sec)

mysql> create table item(item\_no int PRIMARY KEY,item\_name char,price float);

Query OK, 0 rows affected (0.09 sec)

mysql> select \* from item;

Empty set (0.00 sec)

mysql> desc item

-> ;

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

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

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

| item\_no | int | NO | PRI | NULL | |

| item\_name | char(1) | YES | | NULL | |

| price | float | YES | | NULL | |

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

3 rows in set (0.01 sec)

mysql> delete table item;

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 item' at line 1

mysql> delete item;

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> drop item;

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 'item' at line 1

mysql> drop table item;

Query OK, 0 rows affected (0.02 sec)

mysql> create table item(item\_no int PRIMARY KEY,item\_name varchar,price float);

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 ',price float)' at line 1

mysql> create table item(item\_no int PRIMARY KEY,item\_name varchar(32),price float);

Query OK, 0 rows affected (0.03 sec)

mysql> desc item;

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

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

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

| item\_no | int | NO | PRI | NULL | |

| item\_name | varchar(32) | YES | | NULL | |

| price | float | YES | | NULL | |

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

3 rows in set (0.02 sec)

mysql> insert into item(1,'Coca Cola', 40.0);

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '1,'Coca Cola', 40.0)' at line 1

mysql> insert into item values(1,'Coca Cola', 40.0);

Query OK, 1 row affected (0.01 sec)

mysql> insert into item values(2,'Lays', 20.0);

Query OK, 1 row affected (0.01 sec)

mysql> insert into item values(3,'Cadbury', 100.0);

Query OK, 1 row affected (0.01 sec)

mysql> insert into item values(4,'Tropicana', 20.0);

Query OK, 1 row affected (0.01 sec)

mysql> insert into item values(5,'Heinz', 45.0);

Query OK, 1 row affected (0.01 sec)

mysql> insert into item values(6,'Maggi', 35.0);

Query OK, 1 row affected (0.01 sec)

mysql> insert into item values(7,'Oreo', 70.0);

Query OK, 1 row affected (0.01 sec)

mysql> insert into item values(8,'Oreo', 70.0);

Query OK, 1 row affected (0.01 sec)

mysql> delete from item where item\_no = 8

-> ;

Query OK, 1 row affected (0.01 sec)

mysql> select \* from item;

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

| item\_no | item\_name | price |

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

| 1 | Coca Cola | 40 |

| 2 | Lays | 20 |

| 3 | Cadbury | 100 |

| 4 | Tropicana | 20 |

| 5 | Heinz | 45 |

| 6 | Maggi | 35 |

| 7 | Oreo | 70 |

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

7 rows in set (0.00 sec)

mysql> insert into item values(8,'Kellogs', 100.0);

Query OK, 1 row affected (0.01 sec)

mysql> insert into item values(9,'Quaker Oats', 70.0);

Query OK, 1 row affected (0.00 sec)

mysql> insert into item values(10,'Pringles', 100.0);

Query OK, 1 row affected (0.00 sec)

mysql> insert into item values(11,'Cavins', 30.0);

Query OK, 1 row affected (0.01 sec)

mysql> insert into item values(12,'Kwality Walls', 20.0);

Query OK, 1 row affected (0.00 sec)

mysql> insert into item values(13,'Cup Noodles', 50.0);

Query OK, 1 row affected (0.00 sec)

mysql> insert into item values(14,'Sprite', 25.0);

Query OK, 1 row affected (0.01 sec)

mysql> insert into item values(15,'Hide and Seek', 40.0);

Query OK, 1 row affected (0.00 sec)

mysql> insert into item values(16,'Bread', 40.0);

Query OK, 1 row affected (0.01 sec)

mysql> insert into item values(17,'Milk', 25.0);

Query OK, 1 row affected (0.01 sec)

mysql> insert into item values(18,'Snickers', 45.0);

Query OK, 1 row affected (0.01 sec)

mysql> insert into item values(19,'Jim Jam', 25.0);

Query OK, 1 row affected (0.01 sec)

mysql> insert into item values(20,'Pasta', 40.0);

Query OK, 1 row affected (0.00 sec)

mysql> select \* from items;

ERROR 1146 (42S02): Table 'amex.items' doesn't exist

mysql> select \* from item;

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

| item\_no | item\_name | price |

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

| 1 | Coca Cola | 40 |

| 2 | Lays | 20 |

| 3 | Cadbury | 100 |

| 4 | Tropicana | 20 |

| 5 | Heinz | 45 |

| 6 | Maggi | 35 |

| 7 | Oreo | 70 |

| 8 | Kellogs | 100 |

| 9 | Quaker Oats | 70 |

| 10 | Pringles | 100 |

| 11 | Cavins | 30 |

| 12 | Kwality Walls | 20 |

| 13 | Cup Noodles | 50 |

| 14 | Sprite | 25 |

| 15 | Hide and Seek | 40 |

| 16 | Bread | 40 |

| 17 | Milk | 25 |

| 18 | Snickers | 45 |

| 19 | Jim Jam | 25 |

| 20 | Pasta | 40 |

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

20 rows in set (0.00 sec)

mysql> create table shop(ShopID int PRIMARY KEY, ShopName varchar(32),Phone No varchar(10),OpenTime TIME,CloseTime TIME);

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 'No varchar(10),OpenTime TIME,CloseTime TIME)' at line 1

mysql> create table shop(ShopID int PRIMARY KEY, ShopName varchar(32),Phone No varchar(10),OpenTime TIME(fsp),CloseTime TIME(fsp));

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 'No varchar(10),OpenTime TIME(fsp),CloseTime TIME(fsp))' at line 1

mysql> create table shop(ShopID int PRIMARY KEY, ShopName varchar(32),Phone No varchar(10),OpenTime time,CloseTime time);

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 'No varchar(10),OpenTime time,CloseTime time)' at line 1

mysql> create table shop(ShopID int PRIMARY KEY, ShopName varchar(32),PhoneNo varchar(10),OpenTime time,CloseTime time);

Query OK, 0 rows affected (0.09 sec)

mysql> desc shop

-> ;

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

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

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

| ShopID | int | NO | PRI | NULL | |

| ShopName | varchar(32) | YES | | NULL | |

| PhoneNo | varchar(10) | YES | | NULL | |

| OpenTime | time | YES | | NULL | |

| CloseTime | time | YES | | NULL | |

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

5 rows in set (0.02 sec)

mysql> insert into shop values(0,'MK Retail','6473849328',6:00:00,21:00:00);

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 ':00:00,21:00:00)' at line 1

mysql> insert into shop values(0,'MK Retail','6473849328','6:00:00','21:00:00');

Query OK, 1 row affected (0.01 sec)

mysql> insert into shop values(1,'Aishwarya','7584758394','5:00:00','20:00:00');

Query OK, 1 row affected (0.01 sec)

mysql> insert into shop values(3,'Reliance Mart','8839485738','6:00:00','22:00:00');

Query OK, 1 row affected (0.01 sec)

mysql> insert into shop values(5,'More','38493847583','5:00:00','23:00:00');

ERROR 1406 (22001): Data too long for column 'PhoneNo' at row 1

mysql> insert into shop values(5,'More','3849384758','5:00:00','23:00:00');

Query OK, 1 row affected (0.01 sec)

mysql> select \* from shop

-> ;

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

| ShopID | ShopName | PhoneNo | OpenTime | CloseTime |

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

| 0 | MK Retail | 6473849328 | 06:00:00 | 21:00:00 |

| 1 | Aishwarya | 7584758394 | 05:00:00 | 20:00:00 |

| 3 | Reliance Mart | 8839485738 | 06:00:00 | 22:00:00 |

| 5 | More | 3849384758 | 05:00:00 | 23:00:00 |

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

4 rows in set (0.00 sec)

mysql> create table kiosk(kiosk id PRIMARY KEY);

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 'id PRIMARY KEY)' at line 1

mysql> create table kiosk(kioskid int PRIMARY KEY);

Query OK, 0 rows affected (0.10 sec)

mysql> desc kiosk

-> ;

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

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

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

| kioskid | int | NO | PRI | NULL | |

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

1 row in set (0.04 sec)

mysql> insert into kiosk values((2),(4));

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

mysql> insert into kiosk values(2); insert into kiosk values(4);

Query OK, 1 row affected (0.01 sec)

Query OK, 1 row affected (0.01 sec)

mysql> select \* from kiosk

-> ;

+---------+

| kioskid |

+---------+

| 2 |

| 4 |

+---------+

2 rows in set (0.00 sec)

mysql> create table shop

-> \_;

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 2

mysql> commit;

Query OK, 0 rows affected (0.00 sec)

mysql> create table shop\_item(ShopID int,item\_no int,quantity int, PRIMARY KEY(ShopID,item\_no),CONSTRAINT SHOP\_ID FOREIGN KEY (ShopID) REFERENCES shop(ShopID), CONSTRAINT ITEM\_ID FOREIGN KEY (item\_no) REFERENCES item(item\_no));

Query OK, 0 rows affected (0.07 sec)

mysql> desc shop\_item;

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

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

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

| ShopID | int | NO | PRI | NULL | |

| item\_no | int | NO | PRI | NULL | |

| quantity | int | YES | | NULL | |

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

3 rows in set (0.03 sec)

mysql> insert into table shop\_item values(0,2,10);

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 'table shop\_item values(0,2,10)' at line 1

mysql> insert into shop\_item values(0,2,10);

Query OK, 1 row affected (0.03 sec)

mysql> insert into shop\_item values(0,5,4);

Query OK, 1 row affected (0.01 sec)

mysql> insert into shop\_item values(0,7,12);

Query OK, 1 row affected (0.01 sec)

mysql> insert into shop\_item values(0,9,18);

Query OK, 1 row affected (0.01 sec)

mysql> insert into shop\_item values(0,11,25);

Query OK, 1 row affected (0.01 sec)

mysql> insert into shop\_item values(0,13,6);

Query OK, 1 row affected (0.01 sec)

mysql> insert into shop\_item values(0,15,7);

Query OK, 1 row affected (0.00 sec)

mysql> insert into shop\_item values(1,1,45);

Query OK, 1 row affected (0.02 sec)

mysql> insert into shop\_item values(1,2,23);

Query OK, 1 row affected (0.00 sec)

mysql> insert into shop\_item values(1,4,7);

Query OK, 1 row affected (0.01 sec)

mysql> delete from shop\_item where ShopID=1 && item\_no = 4;

Query OK, 1 row affected, 1 warning (0.01 sec)

mysql> insert into shop\_item values(1,3,77);

Query OK, 1 row affected (0.00 sec)

mysql> insert into shop\_item values(1,4,11);

Query OK, 1 row affected (0.01 sec)

mysql> insert into shop\_item values(1,5,55);

Query OK, 1 row affected (0.00 sec)

mysql> insert into shop\_item values(3,2,34);

Query OK, 1 row affected (0.00 sec)

mysql> insert into shop\_item values(3,4,25);

Query OK, 1 row affected (0.01 sec)

mysql> insert into shop\_item values(3,17,67);

Query OK, 1 row affected (0.01 sec)

mysql> insert into shop\_item values(3,19,89);

Query OK, 1 row affected (0.00 sec)

mysql> insert into shop\_item values(3,20,12);

Query OK, 1 row affected (0.01 sec)

mysql> insert into shop\_item values(5,13,11);

Query OK, 1 row affected (0.00 sec)

mysql> insert into shop\_item values(5,11,7);

Query OK, 1 row affected (0.00 sec)

mysql> insert into shop\_item values(5,12,44);

Query OK, 1 row affected (0.00 sec)

mysql> insert into shop\_item values(5,13,33);

ERROR 1062 (23000): Duplicate entry '5-13' for key 'shop\_item.PRIMARY'

mysql> insert into shop\_item values(5,1,33);

Query OK, 1 row affected (0.01 sec)

mysql> insert into shop\_item values(5,7,88);

Query OK, 1 row affected (0.01 sec)

mysql> insert into shop\_item values(5,8,20);

Query OK, 1 row affected (0.00 sec)

mysql> insert into shop\_item values(5,9,100);

Query OK, 1 row affected (0.00 sec)

mysql> insert into shop\_item values(5,5,34);

Query OK, 1 row affected (0.00 sec)

mysql> insert into shop\_item values(5,6,65);

Query OK, 1 row affected (0.00 sec)

mysql> select \* from shop\_item

-> ;

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

| ShopID | item\_no | quantity |

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

| 0 | 2 | 10 |

| 0 | 5 | 4 |

| 0 | 7 | 12 |

| 0 | 9 | 18 |

| 0 | 11 | 25 |

| 0 | 13 | 6 |

| 0 | 15 | 7 |

| 1 | 1 | 45 |

| 1 | 2 | 23 |

| 1 | 3 | 77 |

| 1 | 4 | 11 |

| 1 | 5 | 55 |

| 3 | 2 | 34 |

| 3 | 4 | 25 |

| 3 | 17 | 67 |

| 3 | 19 | 89 |

| 3 | 20 | 12 |

| 5 | 1 | 33 |

| 5 | 5 | 34 |

| 5 | 6 | 65 |

| 5 | 7 | 88 |

| 5 | 8 | 20 |

| 5 | 9 | 100 |

| 5 | 11 | 7 |

| 5 | 12 | 44 |

| 5 | 13 | 11 |

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

26 rows in set (0.00 sec)

mysql> select count(shop\_id) from shop\_item;

ERROR 1054 (42S22): Unknown column 'shop\_id' in 'field list'

mysql> select count(ShopID) from shop\_item;

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

| count(ShopID) |

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

| 26 |

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

1 row in set (0.00 sec)