

Enter password: ****

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

Your MySQL connection id is 14

```
Server version: 8.0.31 MySQL Community Server - GPL
```

Copyright (c) 2000, 2022, Oracle and/or its affiliates.

Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

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

```
mysql> show databases;
```

```
Database
akurdi
amitdb
anudeep
information_schema
mysql
performance_schema
prajakta
student
sys
userlogin
uvpce
```

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

```
mysql> use mysql;
```

Database changed

```
mysql> create table companies(C_ID int primary key not null,c_name varchar(30),C_City varchar(30));
```

Query OK, 0 rows affected (0.05 sec)

```
mysql> insert into companies values(1,"Dominos","los angeles");
```

Query OK, 1 row affected (0.02 sec)

```
mysql> insert into companies values(2,"Pizza Hut","Sam Francisco");
```

Query OK, 1 row affected (0.02 sec)

```
mysql> insert into companies values(3,"papa Johns","san diego");
```

Query OK, 1 row affected (0.02 sec)

```
mysql> insert into companies values(4,"Ah Pizza","Fremont");
```

Query OK, 1 row affected (0.02 sec)

```
mysql> insert into companias values(5,"Nino pizza","Las vegan");
```

Database changed

```
mysql> create table companies(C_ID int primary key not null,c_name varchar(30),C_City varchar(30));
Query OK, 0 rows affected (0.05 sec)
```

```
mysql> insert into companies values(1,"Dominos","los angeles");
Query OK, 1 row affected (0.02 sec)
```

```
mysql> insert into companies values(2,"Pizza Hut","Sam Francisco");
Query OK, 1 row affected (0.02 sec)
```

```
mysql> insert into companies values(3,"papa Johns","san diego");
Query OK, 1 row affected (0.02 sec)
```

```
mysql> insert into companies values(4,"Ah Pizza","Fremont");
Query OK, 1 row affected (0.02 sec)
```

```
mysql> insert into companies values(5,"Nino pizza","Las vegan");
ERROR 1146 (42S02): Table 'mysql.companies' doesn't exist
```

```
mysql> insert into companies values (5
```

```
->
```

```
-> insert into companies values(5,"Nino pizza","Las vegan");
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 'ins
```

```
ert into companies values(5,"Nino pizza","Las vegan")' at line 3
mysql> insert into companies values(5,"Nino pizza","Las vegan");
```

```
Query OK, 1 row affected (0.02 sec)
```

```
mysql> insert into companies values(6,"Pizzaeria","Boston");
Query OK, 1 row affected (0.02 sec)
```

```
mysql> insert into companies values(7,"chuck e cheese","chicago");
Query OK, 1 row affected (0.02 sec)
```

```
mysql> select * from companies;
```

C_ID	c_name	C_City
1	Dominos	los angeles
2	Pizza Hut	Sam Francisco
3	papa Johns	san diego
4	Ah Pizza	Fremont
5	Nino pizza	Las vegan
6	Pizzaeria	Boston
7	chuck e cheese	chicago

7 rows in set (0.00 sec)

```
mysql> create tables Item(I_Id int primary key not null,Item_name varchar(30),Units_Sold int,C_ID int not null,foreign key(C_ID) references company(C_ID));
```

```
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 'tab
les Item(I_Id int primary key not null,Item_name varchar(30),Units_Sold int,C' at line 1
```

Query OK, 1 row affected (0.02 sec)

mysql> select * from companies;

C_ID	c_name	C_City
1	Dominos	los angeles
2	Pizza Hut	San Francisco
3	papa Johns	san diego
4	Ah Pizza	Fremont
5	Nino pizza	Las vegan
6	Pizzaeria	Boston
7	chuck e cheese	chicago

7 rows in set (0.00 sec)

```
mysql> create table Item(I_Id int primary key not null,Item_name varchar(30),Units_Sold int,C_ID int not null,foreign key(C_ID) references company(C_ID));
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 'tab
les Item(I_Id int primary key not null,Item_name varchar(30),Units_Sold int,C' at line 1
```

```
mysql> create table Item(I_Id int primary key not null,Item_name varchar(30),Units_Sold int,C_ID int not null,foreign key(C_ID) references company(C_ID));
```

ERROR 1824 (HY000): Failed to open the referenced table 'company'

```
mysql> create table Item(I_Id int primary key not null,Item_name varchar(30),Units_Sold int,C_ID int not null,foreign key(C_ID) references companies(C_ID));
```

Query OK, 0 rows affected (0.07 sec)

```
mysql> insert into Item values(1,"large pizza",5,2);
```

Query OK, 1 row affected (0.01 sec)

```
mysql> insert into Item values(2,"Garlic Knots",6,3);
```

Query OK, 1 row affected (0.02 sec)

```
mysql> insert into Item values(3,"Large Pizza",3,3);
```

Query OK, 1 row affected (0.02 sec)

```
mysql> insert into Item values(4,"Medium pizza",8,4);
```

Query OK, 1 row affected (0.02 sec)

```
mysql> insert into Item values(5,"Breadsticks",7,1);
```

Query OK, 1 row affected (0.02 sec)

```
mysql> insert into Item values(6,"Medium Pizza",11,1);
```

Query OK, 1 row affected (0.01 sec)

```
mysql> insert into Item values(7,"Small pizza",9,6);
```

Query OK, 1 row affected (0.00 sec)

```
mysql> insert into Item values(8,"Small pizza",6,7);
```

Query OK, 1 row affected (0.02 sec)

```
mysql> select * from Item;
```



```
mysql> insert into Item values(2,"Garlic Knots",6,3);
Query OK, 1 row affected (0.02 sec)
```

```
mysql> insert into Item values(3,"Large Pizza",3,3);
Query OK, 1 row affected (0.02 sec)
```

```
mysql> insert into Item values(4,"Medium pizza",8,4);
Query OK, 1 row affected (0.02 sec)
```

```
mysql> insert into Item values(5,"Breadsticks",7,1);
Query OK, 1 row affected (0.02 sec)
```

```
mysql> insert into Item values(6,"Medium Pizza",11,1);
Query OK, 1 row affected (0.01 sec)
```

```
mysql> insert into Item values(7,"Small pizza",9,6);
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into Item values(8,"Small pizza",6,7);
Query OK, 1 row affected (0.02 sec)
```

```
mysql> select * from Item;
```

I_Id	Item_name	Units_Sold	C_ID
1	large pizza	5	2
2	Garlic Knots	6	3
3	Large Pizza	3	3
4	Medium pizza	8	4
5	Breadsticks	7	1
6	Medium Pizza	11	1
7	Small pizza	9	6
8	Small pizza	6	7

8 rows in set (0.00 sec)

```
mysql> select * from companies as C inner join Item as I on C.C_ID=I.ID;
```

ERROR 1054 (42S22): Unknown column 'I.ID' in 'on clause'

```
mysql> select * from companies as C inner join Item as I on C.C_ID=I.I_ID;
```

C_ID	c_name	C_City	I_Id	Item_name	Units_Sold	C_ID
1	Dominos	Tos angeles	1	large pizza	5	2
2	Pizza Hut	Sam Francisco	2	Garlic Knots	6	3
3	papa Johns	san diego	3	Large Pizza	3	3
4	Ah Pizza	Fremont	4	Medium pizza	8	4
5	Nino pizza	Las vegan	5	Breadsticks	7	1
6	Pizzaeria	Boston	6	Medium Pizza	11	1

```
mysql> insert into Item values(8,"Small pizza",6,7);
Query OK, 1 row affected (0.02 sec)
```

```
mysql> select * from Item;
```

I_Id	Item_name	Units_Sold	C_ID
1	large pizza	5	2
2	Garlic Knots	6	3
3	Large Pizza	3	3
4	Medium pizza	8	4
5	Breadsticks	7	1
6	Medium Pizza	11	1
7	Small pizza	9	6
8	Small pizza	6	7

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

```
mysql> select * from companies as C inner join Item as I on C.C_ID=I.ID;
```

```
ERROR 1054 (42S22): Unknown column 'I.ID' in 'on clause'
```

```
mysql> select * from companies as C inner join Item as I on C.C_ID=I.I_ID;
```

C_ID	c_name	C_City	I_Id	Item_name	Units_Sold	C_ID
1	Dominos	Los angeles	1	large pizza	5	2
2	Pizza Hut	San Francisco	2	Garlic Knots	6	3
3	papa Johns	san diego	3	Large Pizza	3	3
4	Ah Pizza	Fremont	4	Medium pizza	8	4
5	Nino pizza	Las vegan	5	Breadsticks	7	1
6	Pizzaeria	Boston	6	Medium Pizza	11	1
7	chuck e cheese	chicago	7	Small pizza	9	6

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

```
mysql>
```