

```
MySQL 8.0 Command Line Client
mysql> use Student2;
Database changed
mysql> create table company_info(company_id int primary key,company_name varchar(30),company_city varchar(30));
Query OK, 0 rows affected (1.70 sec)

mysql> insert into company_info values(1,"dominos","Los angeles");
Query OK, 1 row affected (0.17 sec)

mysql> insert into company_info values(2,"Pizza Hut","San Francisco");
Query OK, 1 row affected (0.06 sec)

mysql> insert into company_info values(3,"pap johns","san diego");
Query OK, 1 row affected (0.09 sec)

mysql> insert into company_info values(4,"ah pizza","fromont");
Query OK, 1 row affected (0.06 sec)

mysql> insert into company_info values(5,"nino pizza","laz vegas");
Query OK, 1 row affected (0.08 sec)

mysql> insert into company_info values(6,"pizzeria","boston");
Query OK, 1 row affected (0.07 sec)

mysql> insert into company_info values(7,"chuck e cheese","chicago");
Query OK, 1 row affected (0.08 sec)

mysql> select * from company_info;
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 'select * from company_info' at line 1
mysql> select * from company_info;
+-----+-----+-----+
| company_id | company_name | company_city |
+-----+-----+-----+
| 1 | dominos | Los angeles |
| 2 | Pizza Hut | San Francisco |
| 3 | pap johns | san diego |
| 4 | ah pizza | fromont |
| 5 | nino pizza | laz vegas |
| 6 | pizzeria | boston |
| 7 | chuck e cheese | chicago |
+-----+-----+-----+
7 rows in set (0.00 sec)

mysql>
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MySQL 8.0 Command Line Client
mysql> create table item(item_id int primary key,item_name varchar(30),unit_sold int,company_id int,foreign key(company_id) references company_info(company_id));
Query OK, 0 rows affected (3.86 sec)

mysql> insert into item values(1,"large pizza",5,2);
Query OK, 1 row affected (0.21 sec)

mysql> insert into item values(2,"garlic knots",6,3);
Query OK, 1 row affected (0.41 sec)

mysql> insert into item values(3,"large pizza",3,3);
Query OK, 1 row affected (0.08 sec)

mysql> insert into item values(4,"medium pizza",8,4);
Query OK, 1 row affected (0.16 sec)

mysql> insert into item values(5,"bread sticks",7,1);
Query OK, 1 row affected (0.08 sec)

mysql> insert into item values(6,"medium pizza",11,1);
Query OK, 1 row affected (0.07 sec)

mysql> insert into item values(7,"small pizza",9,6);
Query OK, 1 row affected (0.07 sec)

mysql> insert into item values(8,"small pizza",6,7);
Query OK, 1 row affected (0.07 sec)

mysql> select * from item;
+----+-----+-----+-----+
| item_id | item_name | unit_sold | company_id |
+----+-----+-----+-----+
| 1 | large pizza | 5 | 2 |
| 2 | garlic knots | 6 | 3 |
| 3 | large pizza | 3 | 3 |
| 4 | medium pizza | 8 | 4 |
| 5 | bread sticks | 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 company_name,company_city,I.item_name,I.unit_sold from company_info as C left join item as I on C.company_id=I.item_id;
```

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MySQL 8.0 Command Line Client

mysql> insert into item values(7,"small pizza",9,6);
Query OK, 1 row affected (0.07 sec)

mysql> insert into item values(8,"small pizza",6,7);
Query OK, 1 row affected (0.07 sec)

mysql> select * from item;

| item_id | item_name | unit_sold | company_id |
|---------|--------------|-----------|------------|
| 1 | large pizza | 5 | 2 |
| 2 | garlic knots | 6 | 3 |
| 3 | large pizza | 3 | 3 |
| 4 | medium pizza | 8 | 4 |
| 5 | bread sticks | 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 company_name,company_city,I.item_name,I.unit_sold from company_info as C left join item as I on C.company_id=I.item_id;

| company_name | company_city | item_name | unit_sold |
|----------------|---------------|--------------|-----------|
| dominos | Los angeles | large pizza | 5 |
| Pizza Hut | San Francisco | garlic knots | 6 |
| pap johns | san diego | large pizza | 3 |
| ah pizza | fromont | medium pizza | 8 |
| nino pizza | laz vegas | bread sticks | 7 |
| pizzeria | boston | medium pizza | 11 |
| chuck e cheese | chicago | small pizza | 9 |

7 rows in set (0.13 sec)

mysql>

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