```
MySQL 8.0 Command Line Client                                                                                                                          —    □    ×

mysql> create table company (Company_Id int primary key not null, Company_name varchar(25), Company_city varchar(40));
Query OK, 0 rows affected (0.11 sec)

mysql> insert into company values(1,"Dominos","Los Angeles");
Query OK, 1 row affected (0.01 sec)

mysql>  insert into company values(2,"Pizza hut","San Francisco");
Query OK, 1 row affected (0.04 sec)

mysql>  insert into company values(3,"Papa Johns","San Dioga");
Query OK, 1 row affected (0.04 sec)

mysql>  insert into company values(4,"Ah Pizz","Fremont");
Query OK, 1 row affected (0.04 sec)

mysql>  insert into company values(5,"Nini Pizza","Las Vegas");
Query OK, 1 row affected (0.00 sec)

mysql>  insert into company values(6,"Pizzeria","Boston");
Query OK, 1 row affected (0.04 sec)

mysql>  insert into company values(7,"Chuck e Cheese","Chicago");
Query OK, 1 row affected (0.04 sec)

mysql> Select * from company;
+------------+----------------+---------------+
| Company_Id | Company_name   | Company_city  |
+------------+----------------+---------------+
|          1 | Dominos        | Los Angeles   |
|          2 | Pizza hut      | San Francisco |
|          3 | Papa Johns     | San Dioga     |
|          4 | Ah Pizz        | Fremont       |
|          5 | Nini Pizza     | Las Vegas     |
|          6 | Pizzeria       | Boston        |
|          7 | Chuck e Cheese | Chicago       |
+------------+----------------+---------------+
7 rows in set (0.00 sec)

mysql> create table Item(Item_ID int primary key not null,Item_name varchar(20),Units_sold int, foreign key (Company_ID) references company (Company_ID));
ERROR 1072 (42000): Key column 'Company_ID' doesn't exist in table
mysql> Item(Item_ID int primary key not null,Item_name varchar(20),Units_sold int, Company_ID int not null, foreign key (Company_ID) references company (Company_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 'Item(Item_ID int primary key not null,Item_name varchar(
20),Units_sold int, Comp' at line 1
mysql> create  table Item(Item_ID int primary key not null,Item_name varchar(20),Units_sold int,Company_ID int not null, foreign key (Company_ID) references company (Company_ID));
Query OK, 0 rows affected (0.08 sec)

mysql> insert into Item values(1,"Medium Pizza",5,6);
Query OK, 1 row affected (0.04 sec)

mysql> insert into Item values(2,"Small Pizza",4,3);
```

```
mysql> create  table Item(Item_ID int primary key not null,Item_name varchar(20),Units_sold int,Company_ID int not null, foreign key (Company_ID) references company (Company_ID));
Query OK, 0 rows affected (0.08 sec)

mysql> insert into Item values(1,"Medium Pizza",5,6);
Query OK, 1 row affected (0.04 sec)

mysql> insert into Item values(2,"Small Pizza",4,3);
Query OK, 1 row affected (0.04 sec)

mysql> insert into Item values(3,"Large Pizza",6,7);
Query OK, 1 row affected (0.04 sec)

mysql> insert into Item values(4,"Sandwich",4,1);
Query OK, 1 row affected (0.04 sec)

mysql> insert into Item values(5,"Large Pizza",8,4);
Query OK, 1 row affected (0.04 sec)

mysql> insert into Item values(6,"Garlic knots",10,2);
Query OK, 1 row affected (0.04 sec)

mysql> insert into Item values(7,"Medium Pizza",5,5);
Query OK, 1 row affected (0.04 sec)

mysql> insert into Item values(8,"Fries",9,7);
Query OK, 1 row affected (0.04 sec)

mysql> insert into Item values(9,"Sandwich",5,4);
Query OK, 1 row affected (0.00 sec)

mysql> select * from Item;
+---------+--------------+------------+------------+
| Item_ID | Item_name    | Units_sold | Company_ID |
+---------+--------------+------------+------------+
|       1 | Medium Pizza |          5 |          6 |
|       2 | Small Pizza  |          4 |          3 |
|       3 | Large Pizza  |          6 |          7 |
|       4 | Sandwich     |          4 |          1 |
|       5 | Large Pizza  |          8 |          4 |
|       6 | Garlic knots |         10 |          2 |
|       7 | Medium Pizza |          5 |          5 |
|       8 | Fries        |          9 |          7 |
|       9 | Sandwich     |          5 |          4 |
+---------+--------------+------------+------------+
9 rows in set (0.00 sec)

mysql> select * from company as C inner join Item as I on C.Company_ID=I.Item_ID;
+------------+--------------+--------------+---------+-----------+------------+------------+
| Company_Id | Company_name | Company_city | Item_ID | Item_name | Units_sold | Company_ID |
+------------+--------------+--------------+---------+-----------+------------+------------+
```

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MySQL 8.0 Command Line Client                                                                                    -    □    ×
Query OK, 1 row affected (0.04 sec)

mysql> insert into Item values(7,"Medium Pizza",5,5);
Query OK, 1 row affected (0.04 sec)

mysql> insert into Item values(8,"Fries",9,7);
Query OK, 1 row affected (0.04 sec)

mysql> insert into Item values(9,"Sandwich",5,4);
Query OK, 1 row affected (0.00 sec)

mysql> select * from Item;
+---------+--------------+------------+------------+
| Item_ID | Item_name    | Units_sold | Company_ID |
+---------+--------------+------------+------------+
|       1 | Medium Pizza |          5 |          6 |
|       2 | Small Pizza  |          4 |          3 |
|       3 | Large Pizza  |          6 |          7 |
|       4 | Sandwich     |          4 |          1 |
|       5 | Large Pizza  |          8 |          4 |
|       6 | Garlic knots |         10 |          2 |
|       7 | Medium Pizza |          5 |          5 |
|       8 | Fries        |          9 |          7 |
|       9 | Sandwich     |          5 |          4 |
+---------+--------------+------------+------------+
9 rows in set (0.00 sec)

mysql> select * from company as C inner join Item as I on C.Company_ID=I.Item_ID;
+------------+--------------+---------------+---------+--------------+------------+------------+
| Company_Id | Company_name | Company_city  | Item_ID | Item_name    | Units_sold | Company_ID |
+------------+--------------+---------------+---------+--------------+------------+------------+
|          1 | Dominos      | Los Angeles   |       1 | Medium Pizza |          5 |          6 |
|          2 | Pizza hut    | San Francisco |       2 | Small Pizza  |          4 |          3 |
|          3 | Papa Johns   | San Dioga     |       3 | Large Pizza  |          6 |          7 |
|          4 | Ah Pizz      | Fremont       |       4 | Sandwich     |          4 |          1 |
|          5 | Nini Pizza   | Las Vegas     |       5 | Large Pizza  |          8 |          4 |
|          6 | Pizzeria     | Boston        |       6 | Garlic knots |         10 |          2 |
|          7 | Chuck e Cheese | Chicago     |       7 | Medium Pizza |          5 |          5 |
+------------+--------------+---------------+---------+--------------+------------+------------+
7 rows in set (0.00 sec)

mysql>
```