

```
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 9
Server version: 8.0.31 MySQL Community Server - GPL

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

mysql> use Student
Database changed
mysql> CREATE TABLE COMPANY(c_ID int primary key not null,Company_Name varchar(20),Company_City(20));
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 '(20))' at line 1
mysql> CREATE TABLE COMPANY(c_ID int primary key not null,Company_Name varchar(20),Company_City varchar(20));
Query OK, 0 rows affected (0.04 sec)

mysql> insert into Company values(1,"Dominos","Los Angeles");
Query OK, 1 row affected (0.02 sec)

mysql> insert into Company values(2,"Pizza Hut","Sam Francisco");
Query OK, 1 row affected (0.01 sec)

mysql> insert into Company values(3,"Papa Johns","San Diego");
Query OK, 1 row affected (0.01 sec)

mysql> insert into Company values(4,"Ah Pizza","Fremont");
Query OK, 1 row affected (0.01 sec)

mysql> insert into Company values(5,"Nino Pizza","Las Vegas");
Query OK, 1 row affected (0.01 sec)
```

Query OK, 1 row affected (0.01 sec)

```
mysql> insert into Company values(6,"Pizzeria","Boston");
```

Query OK, 1 row affected (0.01 sec)

```
mysql> insert into Company values(7,"chuck e cheese","Chicago");
```

Query OK, 1 row affected (0.01 sec)

```
mysql> select * from company;
```

c_ID	Company_Name	Company_City
1	Dominos	Los Angeles
2	Pizza Hut	San Francisco
3	Papa Johns	San Diego
4	Ah Pizza	Fremont
5	Nino Pizza	Las Vegas
6	Pizzeria	Boston
7	chuck e cheese	Chicago

7 rows in set (0.01 sec)

```
mysql> CREATE TABLE ITEM(I_ID int primary key not null,Item_Name varchar(20),Units_Sold int,foreign key(c_ID) references Company (c_id));
```

ERROR 1072 (42000): Key column 'c_ID' doesn't exist in table

```
mysql> CREATE TABLE ITEM(I_ID int primary key not null,Item_Name varchar(20),Units_Sold int,foreign key(c_ID) references Company (c_ID));
```

ERROR 1072 (42000): Key column 'c_ID' doesn't exist in table

```
mysql> CREATE TABLE ITEM(I_ID int primary key not null,Item_Name varchar(20),Units_Sold int,foreign key(c_ID) references COMPANY (c_ID));
```

ERROR 1072 (42000): Key column 'c_ID' doesn't exist in table

```
mysql> CREATE TABLE ITEM(I_ID int primary key not null,Item_Name varchar(20),Units_Sold int,c_ID int not null,foreign key(c_ID) references Company (c_id));
```

Query OK, 0 rows affected (0.03 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 (0.01 sec)
```

```
mysql> insert into ITEM values(3,"Large Pizza",3,3);
Query OK, 1 row affected (0.01 sec)
```

```
mysql> insert into ITEM values(4,"Medium Pizza",8,4);
Query OK, 1 row affected (0.01 sec)
```

```
mysql> insert into ITEM values(5,"Breadsticks",7,1);
Query OK, 1 row affected (0.01 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 (0.01 sec)
```

```
mysql> insert into ITEM values(8,"Small Pizza",6,7);
Query OK, 1 row affected (0.01 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

Query OK, 1 row affected (0.01 sec)

```
mysql> insert into ITEM values(8,"Small Pizza",6,7);
```

Query OK, 1 row affected (0.01 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 company as C inner join Item as I on C.c_ID=I.I_ID;
```

c_ID	Company_Name	Company_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 Vegas	5	Breadsticks	7	1
6	Pizzeria	Boston	6	Medium Pizza	11	1
7	chuck e cheese	Chicago	7	Small Pizza	9	6

7 rows in set (0.01 sec)

```
mysql>
```

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