C:\Program Files\MySQL\MySQL Server 9.4\bin>mysql -h localhost -u root -p

Enter password: \*\*\*\*\*\*\*\*\*\*

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

Your MySQL connection id is 24

Server version: 9.4.0 MySQL Community Server - GPL

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owners.

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

mysql> use inventory;

Database changed

mysql> desc product;

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

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

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

| p\_id | int | NO | PRI | NULL | |

| p\_name | varchar(100) | YES | | NULL | |

| price | float | YES | | NULL | |

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

3 rows in set (0.018 sec)

mysql> insert into product values(

-> 1024,'Milk',74),

-> (3201,'Cheese',120),

-> (9845,'Bread',80),

-> (7458,'Apple',150);

Query OK, 4 rows affected (0.071 sec)

Records: 4 Duplicates: 0 Warnings: 0

mysql> desc supplier;

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

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

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

| supp\_id | int | NO | PRI | NULL | |

| supp\_name | varchar(100) | YES | | NULL | |

| supp\_address | varchar(150) | YES | | NULL | |

| mail\_add | varchar(100) | YES | | NULL | |

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

4 rows in set (0.015 sec)

mysql> insert into supplier values(990,'Jacksons','NY','jackson@123'),

-> (991,'Smith','Canada','smith@987'),

-> (992,'Brook','LA','brook@465'),

-> (993,'William','Paris','will@19375');

Query OK, 4 rows affected (0.046 sec)

Records: 4 Duplicates: 0 Warnings: 0

mysql> desc sell;

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

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

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

| s\_id | int | YES | | NULL | |

| qty | int | YES | | NULL | |

| p\_id | int | YES | MUL | NULL | |

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

3 rows in set (0.015 sec)

mysql> insert into sell(s\_id,p\_id) values(100,104);

ERROR 1452 (23000): Cannot add or update a child row: a foreign key constraint fails (`inventory`.`sell`, CONSTRAINT `sell\_ibfk\_1` FOREIGN KEY (`p\_id`) REFERENCES `product` (`p\_id`))

mysql> insert into product(p\_id) values(104);

Query OK, 1 row affected (0.032 sec)

mysql> select\* from product;

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

| p\_id | p\_name | price |

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

| 104 | NULL | NULL |

| 1024 | Milk | 74 |

| 3201 | Cheese | 120 |

| 7458 | Apple | 150 |

| 9845 | Bread | 80 |

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

5 rows in set (0.012 sec)

mysql> insert into sell(s\_id,p\_id) values(456,104);

Query OK, 1 row affected (0.035 sec)

mysql> select \* from sell;

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

| s\_id | qty | p\_id |

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

| 456 | NULL | 104 |

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

1 row in set (0.005 sec)

mysql> update sell

-> set s\_id=230

-> where s\_id=456;

Query OK, 1 row affected (0.041 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> select \* from sell;

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

| s\_id | qty | p\_id |

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

| 230 | NULL | 104 |

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

1 row in set (0.004 sec)