

Hexaware Technologies LTD
Foundation Training Program
SQL Coding Challenge

Trainer: Mr. Veerababu
Date:- 4/12/2023

Trainee: Suraj Kumar

Challenge: Order Management System

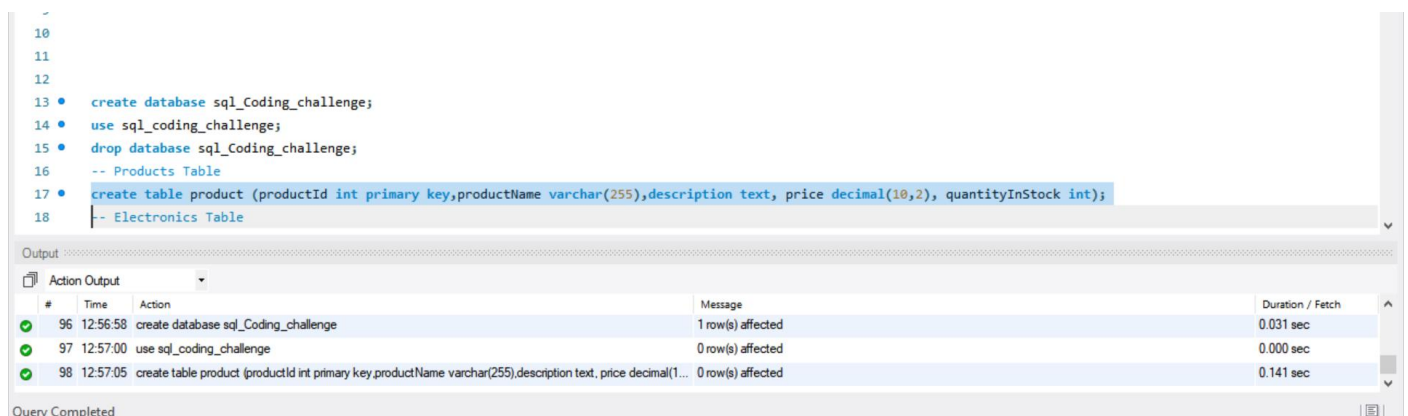
Problem Statement:

1. Create a base class called *Product* with the following attributes:

- *productId* (int)
- *productName* (String)
- *description* (String)
- *price* (double)
- *quantityInStock* (int)

Query:

```
create database sql_Coding_challenge;  
use sql_coding_challenge;  
drop database sql_Coding_challenge;  
-- Products Table  
create table product (productId int primary key,productName varchar(255),description text, price decimal(10,2),  
quantityInStock int);
```



```
10  
11  
12  
13 • create database sql_Coding_challenge;  
14 • use sql_coding_challenge;  
15 • drop database sql_Coding_challenge;  
16 -- Products Table  
17 • create table product (productId int primary key,productName varchar(255),description text, price decimal(10,2), quantityInStock int);  
18 |-- Electronics Table
```

| # | Time | Action | Message | Duration / Fetch |
|----|----------|--------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------|
| 96 | 12:56:58 | create database sql_Coding_challenge | 1 row(s) affected | 0.031 sec |
| 97 | 12:57:00 | use sql_coding_challenge | 0 row(s) affected | 0.000 sec |
| 98 | 12:57:05 | create table product (productId int primary key,productName varchar(255),description text, price decimal(10,2), quantityInStock int) | 0 row(s) affected | 0.141 sec |

Query Completed

3. Create a subclass *Electronics* that inherits from *Product*. Add attributes specific to electronics products, such as:

- *brand* (String)
- *warrantyPeriod* (int)

Query:

-- Electronics Table

```
create table electronics (productId int primary key,brand varchar(255),warrantyPeriod int, foreign key (productId) references product(productId));
```

```
14 use sql_coding_challenge;
15 drop database sql_coding_challenge;
16 -- Products Table
17 create table product (productId int primary key,productName varchar(255),description text, price decimal(10,2), quantityInStock int);
18 -- Electronics Table
19 create table electronics (productId int primary key,brand varchar(255),warrantyPeriod int, foreign key (productId) references product(productId));
20 -- Clothing Table
21 create table clothing (productId int primary key,size varchar(255),colour varchar(255), foreign key (productId) references product(productId));
```

| # | Time | Action | Message | Duration / Fetch |
|----|----------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------|
| 97 | 12:57:00 | use sql_coding_challenge | 0 row(s) affected | 0.000 sec |
| 98 | 12:57:05 | create table product (productId int primary key,productName varchar(255),description text, price decimal(10,2), quantityInStock int); | 0 row(s) affected | 0.141 sec |
| 99 | 12:58:32 | create table electronics (productId int primary key,brand varchar(255),warrantyPeriod int, foreign key (productId) references product(productId)); | 0 row(s) affected | 0.078 sec |

4. Create a subclass *Clothing* that also inherits from *Product*. Add attributes specific to clothing products, such as:

- *size* (String)
- *color* (String)

Query:

-- Clothing Table

```
create table clothing (productId int primary key,size varchar(255),colour varchar(255), foreign key (productId) references product(productId));
```

```
18 -- Electronics Table
19 create table electronics (productId int primary key,brand varchar(255),warrantyPeriod int, foreign key (productId) references product(productId));
20 -- Clothing Table
21 create table clothing (productId int primary key,size varchar(255),colour varchar(255), foreign key (productId) references product(productId));
22 -- User table
23 create table user (userId int primary key,username varchar(255),password varchar(255),role varchar(25));
24
25
26 -- CREATE operation
```

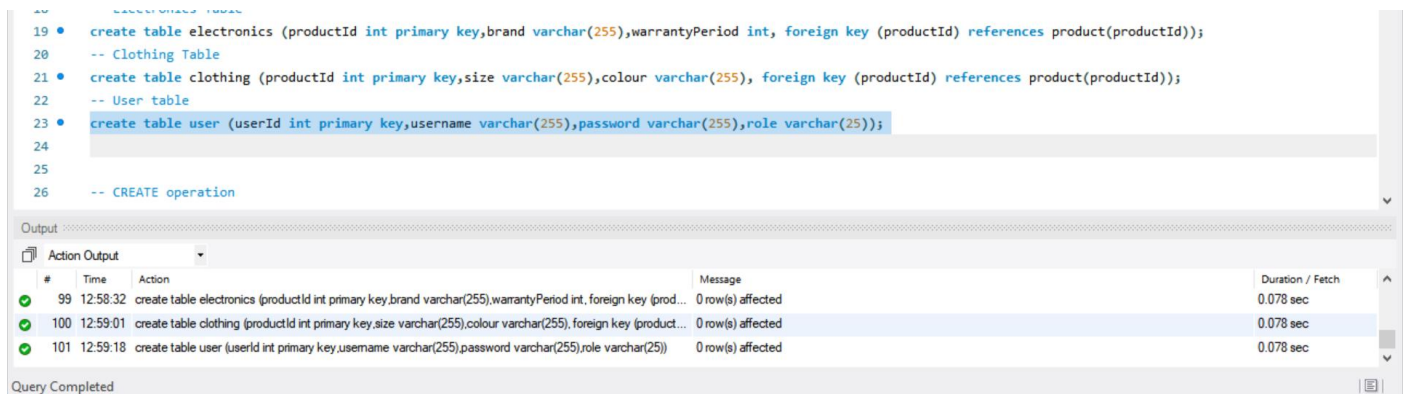
| # | Time | Action | Message | Duration / Fetch |
|-----|----------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------|
| 98 | 12:57:05 | create table product (productId int primary key,productName varchar(255),description text, price decimal(10,2), quantityInStock int); | 0 row(s) affected | 0.141 sec |
| 99 | 12:58:32 | create table electronics (productId int primary key,brand varchar(255),warrantyPeriod int, foreign key (productId) references product(productId)); | 0 row(s) affected | 0.078 sec |
| 100 | 12:59:01 | create table clothing (productId int primary key,size varchar(255),colour varchar(255), foreign key (productId) references product(productId)); | 0 row(s) affected | 0.078 sec |

5. Create a **User** class with attributes:

- **userId** (int)
- **username** (String)
- **password** (String)
- **role** (String) // "Admin" or "User"

Query:

```
create table user (userId int primary key,username varchar(255),password varchar(255),role varchar(25));
```



```
19 • create table electronics (productId int primary key,brand varchar(255),warrantyPeriod int, foreign key (productId) references product(productId));
20 -- Clothing Table
21 • create table clothing (productId int primary key,size varchar(255),colour varchar(255), foreign key (productId) references product(productId));
22 -- User table
23 • create table user (userId int primary key,username varchar(255),password varchar(255),role varchar(25));
24
25
26 -- CREATE operation
```

| # | Time | Action | Message | Duration / Fetch |
|-----|----------|-----------------------------------------------------------------------------------------------------------------|-------------------|------------------|
| 99 | 12:58:32 | create table electronics (productId int primary key,brand varchar(255),warrantyPeriod int, foreign key (prod... | 0 row(s) affected | 0.078 sec |
| 100 | 12:59:01 | create table clothing (productId int primary key,size varchar(255),colour varchar(255), foreign key (product... | 0 row(s) affected | 0.078 sec |
| 101 | 12:59:18 | create table user (userId int primary key,username varchar(255),password varchar(255),role varchar(25)) | 0 row(s) affected | 0.078 sec |

Query Completed

*****Trainer Task*****

***Perform Create,Read,Update and Delete(CRUD) operation on the above table.**

-- CREATE operation

```
insert into product values(1,'Smartphone','High quality camera phone',56000.00,12),(2,'Torch','Light the night with Wipro',5600.00,10),(3,'Mobile','KeyPad Mobile',5000.00,102),(4,'Laptop','High performance corporate laptop',156000.00,12),(5,'Earphone','High quality sound',1500.00,120),(6,'Smartwatch','Monitor your health on the go',1550.00,16);
```

```
insert into electronics values(1,'Samsung',1),(2,'Wipro',2),(3,'Lava',1),(4,'Lenovo',2),(5,'RealMe',3),(6,'Bolt',2);
```

```
insert into clothing values(2,'Small','Orange'),(3,'Medium','Red');
```

```
insert into user values(234,'Suraj Kumar','Suraj@123','Admin'),(34,'Sooraj Kumar','Sooraj@123','User'),(24,'Sunil Kumar','Sunil@123','User'),(23,'Subodh Kumar','Subodh@123','Admin'),(324,'Surbhi Kumar','Surbhi@123','User');
```

SQL File 17* SQL File 18* SQL File 19* SQL File 20* SQL File 6* SQL File 7* SQL File 8* SQL File 9* SQL_Ext_Assessment* SQL File 11* SQL File 12*

Limit to 1000 rows

```

25
26 -- CREATE operation
27 • insert into product values(1,'Smartphone','High quality camera phone',56000.00,12),(2,'Torch','Light the night with Wipro',5600.00,10),(3,'Mobile','KeyPad Mobile',
5000.00,102),(4,'Laptop','High performance corporate laptop',156000.00,12),(5,'Earphone','High quality sound',1500.00,120),(6,'Smartwatch','Monitor your health on the
go',1550.00,16);
28
29 • insert into electronics values(1,'Samsung',1),(2,'Wipro',2),(3,'Lava',1),(4,'Lenovo',2),(5,'RealMe',3),(6,'Bolt',2);
30
31 • insert into clothing values(2,'Small','Orange'),(3,'Medium','Red');
32
33 • insert into user values(234,'Suraj Kumar','Suraj@123','Admin'),(34,'Sooraj Kumar','Sooraj@123','User'),(24,'Sunil Kumar','Sunil@123','User'),(23,'Subodh Kumar',
'Subodh@123','Admin'),(324,'Surbhi Kumar','Surbhi@123','User');
34
35
36 -- READ Operation
37 • select * from product;

```

Output

| # | Time | Action | Message | Duration / Fetch |
|-----|----------|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|------------------|
| 102 | 13:06:10 | insert into product values(1,'Smartphone','High quality camera phone',56000.00,12),(2,'Torch','Light the ni... | 6 row(s) affected Records: 6 Duplicates: 0 Warnings: 0 | 0.031 sec |
| 103 | 13:06:10 | insert into electronics values(1,'Samsung',1),(2,'Wipro',2),(3,'Lava',1),(4,'Lenovo',2),(5,'RealMe',3),(6,'Bolt',2) | 6 row(s) affected Records: 6 Duplicates: 0 Warnings: 0 | 0.016 sec |
| 104 | 13:06:10 | insert into clothing values(2,'Small','Orange'),(3,'Medium','Red') | 2 row(s) affected Records: 2 Duplicates: 0 Warnings: 0 | 0.015 sec |
| 105 | 13:06:10 | insert into user values(234,'Suraj Kumar','Suraj@123','Admin'),(34,'Sooraj Kumar','Sooraj@123','User'),(24,'... | 5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0 | 0.016 sec |

-- READ Operation

Query:

--Read all data from product table

select * from product;

SQL File 17* SQL File 18* SQL File 19* SQL File 20* SQL File 6* SQL File 7* SQL File 8* SQL File 9* SQL_Ext_Assessment* SQL File 11* SQL File 12*

Limit to 1000 rows

```

35
36 -- READ Operation
37 • select * from product;
38 • select * from electronics;
39 • select * from clothing;
40 • select * from user;
41 • select * from product;
42

```

Result Grid

| productid | productName | description | price | quantityInStock |
|-----------|-------------|-----------------------------------|-----------|-----------------|
| 1 | Smartphone | High quality camera phone | 56000.00 | 12 |
| 2 | Torch | Light the night with Wipro | 5600.00 | 10 |
| 3 | Mobile | KeyPad Mobile | 5000.00 | 102 |
| 4 | Laptop | High performance corporate laptop | 156000.00 | 12 |
| 5 | Earphone | High quality sound | 1500.00 | 120 |
| 6 | Smartwatch | Monitor your health on the go | 1550.00 | 16 |

product 11 x

Output

| # | Time | Action | Message | Duration / Fetch |
|-----|----------|--------------------------------------|-------------------|-----------------------|
| 108 | 13:08:09 | select * from clothing LIMIT 0, 1000 | 2 row(s) returned | 0.000 sec / 0.000 sec |
| 109 | 13:08:09 | select * from user LIMIT 0, 1000 | 5 row(s) returned | 0.000 sec / 0.000 sec |
| 110 | 13:08:09 | select * from product LIMIT 0, 1000 | 6 row(s) returned | 0.000 sec / 0.000 sec |
| 111 | 13:08:50 | select * from product LIMIT 0, 1000 | 6 row(s) returned | 0.000 sec / 0.000 sec |

Query Completed

-- Read all data from electronics table

Query:

`select * from electronics;`

```
36 -- READ Operataion
37 • select * from product;
38 • select * from electronics;
```

Result Grid

| | productId | brand | warrantyPeriod |
|---|-----------|---------|----------------|
| ▶ | 1 | Samsung | 1 |
| | 2 | Wipro | 2 |
| | 3 | Lava | 1 |
| | 4 | Lenovo | 2 |
| | 5 | RealMe | 3 |
| | 6 | Boltt | 2 |
| * | NULL | NULL | NULL |

electronics 12 x

Output

Action Output

| # | Time | Action |
|-------|----------|-----------------------------------------|
| ✓ 111 | 13:08:50 | select * from product LIMIT 0, 1000 |
| ✓ 112 | 14:51:05 | select * from electronics LIMIT 0, 1000 |

Query Completed

-- Read all data from Clothing table

Query:

`select * from clothing;`

```
38 • select * from electronics;
39 • select * from clothing;
40 • select * from user;
41 • select * from product;
42
43 -- UPDATE
```

Result Grid

| | productId | size | colour |
|---|-----------|--------|--------|
| ▶ | 2 | Small | Orange |
| | 3 | Medium | Red |
| * | NULL | NULL | NULL |

clothing 13 x

Output

Action Output

| # | Time | Action | Message |
|-------|----------|-----------------------------------------|-------------------|
| ✓ 112 | 14:51:05 | select * from electronics LIMIT 0, 1000 | 6 row(s) returned |
| ✓ 113 | 14:51:51 | select * from clothing LIMIT 0, 1000 | 2 row(s) returned |

Query Completed

-- Read all data from User table

Query:

`select * from user;`

```
--
40 • select * from user;
41 • select * from product;
42
43 -- UPDATE
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

| | userId | username | password | role |
|---|--------|--------------|------------|-------|
| ▶ | 23 | Subodh Kumar | Subodh@123 | Admin |
| | 24 | Sunil Kumar | Sunil@123 | User |
| | 34 | Sooraj Kumar | Sooraj@123 | User |
| | 234 | Suraj Kumar | Suraj@123 | Admin |
| | 324 | Surbhi Kumar | Surbhi@123 | User |
| * | NULL | NULL | NULL | NULL |

user 14 x

Output

Action Output

| # | Time | Action | Message |
|-------|----------|--------------------------------------|-------------------|
| ✓ 113 | 14:51:51 | select * from clothing LIMIT 0, 1000 | 2 row(s) returned |
| ✓ 114 | 14:52:21 | select * from user LIMIT 0, 1000 | 5 row(s) returned |

Query Completed

-- UPDATE Operation

Query: Update in the Product table.

`update product set productName ='Shirt', description='Full-Sleeve Shirt' where productId=2;`
`update product set productName ='t-Shirt', description='Half-Sleeve t-shirt' where productId=3;`

```
--
42 -- UPDATE
43 • update product set productName ='Shirt', description='Full-Sleeve Shirt' where productId=2;
44 • update product set productName ='t-Shirt', description='Half-Sleeve t-shirt' where productId=3;
45
46 • update electronics set brand='OWN' where productId=2;
47 • update electronics set brand='Jack&Jones' where productId=3;
```

Output

Action Output

| # | Time | Action | Message |
|-------|----------|------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| ✓ 110 | 13:08:09 | select * from product LIMIT 0, 1000 | 6 row(s) returned |
| ✓ 111 | 13:08:50 | select * from product LIMIT 0, 1000 | 6 row(s) returned |
| ✓ 112 | 14:51:05 | select * from electronics LIMIT 0, 1000 | 6 row(s) returned |
| ✓ 113 | 14:51:51 | select * from clothing LIMIT 0, 1000 | 2 row(s) returned |
| ✓ 114 | 14:52:21 | select * from user LIMIT 0, 1000 | 5 row(s) returned |
| ✓ 115 | 14:53:57 | update product set productName ='Shirt', description='Full-Sleeve Shirt' where productId=2 | 1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0 |
| ✓ 116 | 14:53:57 | update product set productName ='t-Shirt', description='Half-Sleeve t-shirt' where productId=3 | 1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0 |

Query Completed

Query: Update in the Electronics table

update electronics set brand='ONN' where productId=2;

update electronics set brand='Jack&Jones' where productId=3;

```
45
46 • update electronics set brand='ONN' where productId=2;
47 • update electronics set brand='Jack&Jones' where productId=3;
48
49 • update clothing set colour='Yellow' where productid=2;
50
51 • update user set role='User' where userid=23;
52
```

Output

| # | Time | Action | Message |
|-------|----------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| ✓ 112 | 14:51:05 | select * from electronics LIMIT 0, 1000 | 6 row(s) returned |
| ✓ 113 | 14:51:51 | select * from clothing LIMIT 0, 1000 | 2 row(s) returned |
| ✓ 114 | 14:52:21 | select * from user LIMIT 0, 1000 | 5 row(s) returned |
| ✓ 115 | 14:53:57 | update product set productName = 'Shirt', description= 'Full-Sleeve Shirt' where productId=2 | 1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0 |
| ✓ 116 | 14:53:57 | update product set productName = 't-Shirt', description= 'Half-Sleeve t-shirt' where productId=3 | 1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0 |
| ✓ 117 | 14:54:35 | update electronics set brand='ONN' where productId=2 | 1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0 |
| ✓ 118 | 14:54:35 | update electronics set brand='Jack&Jones' where productId=3 | 1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0 |

Query Completed

Query: Update in the Clothing and user table

update clothing set colour='Yellow' where productid=2;

update user set role='User' where userid=23;

```
48
49 • update clothing set colour='Yellow' where productid=2;
50
51 • update user set role='User' where userid=23;
52
```

Output

| # | Time | Action | Message |
|-------|----------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| ✓ 114 | 14:52:21 | select * from user LIMIT 0, 1000 | 5 row(s) returned |
| ✓ 115 | 14:53:57 | update product set productName = 'Shirt', description= 'Full-Sleeve Shirt' where productId=2 | 1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0 |
| ✓ 116 | 14:53:57 | update product set productName = 't-Shirt', description= 'Half-Sleeve t-shirt' where productId=3 | 1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0 |
| ✓ 117 | 14:54:35 | update electronics set brand='ONN' where productId=2 | 1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0 |
| ✓ 118 | 14:54:35 | update electronics set brand='Jack&Jones' where productId=3 | 1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0 |
| ✓ 119 | 14:54:56 | update clothing set colour='Yellow' where productid=2 | 1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0 |
| ✓ 120 | 14:54:56 | update user set role='User' where userid=23 | 1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0 |

--DELETE Operation

**** Instructions:** First we need to disable the foreign key check constraint to delete data and maintain referential integrity constraint.

To disable the foreign key check constraint we can run the following query:

```
set foreign_key_checks = 1;
```

Also

We can drop the foreign key(referential integrity constraint) from the Electronics and Clothing table by running the following query:

We first select the constraint name from the information_schema.

```
SELECT constraint_name FROM information_schema.table_constraints WHERE table_name = 'electronics' AND constraint_type = 'FOREIGN KEY';
```

Then we drop the constraint by their name

```
alter table electronics drop foreign key electronics_ibfk_1;
```

Query: Delete from the product table

```
delete from product where productid=3;
```

```
52
53 -- DELETE
54 • set foreign_key_checks = 0;
55 • SELECT constraint_name FROM information_schema.table_constraints WHERE table_name = 'electronics' AND constraint_type = 'FOREIGN KEY';
56 • alter table electronics drop foreign key electronics_ibfk_1;
57
58
59
60 • delete from product where productid=3;
61 • select * from product;
62 • delete from electronics where productid=3;
```

Output

| # | Time | Action | Message | |
|-------|----------|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|---|
| ✓ 119 | 14:54:56 | update clothing set colour='Yellow' where productid=2 | 1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0 | 0 |
| ✓ 120 | 14:54:56 | update user set role='User' where userid=23 | 1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0 | 0 |
| ✗ 121 | 15:12:47 | delete from product where productid=3 | Error Code: 1451. Cannot delete or update a parent row: a foreign key constraint fails ('sql_coding_challe... | 0 |
| ✓ 122 | 15:12:57 | set foreign_key_checks = 1 | 0 row(s) affected | 0 |
| ✗ 123 | 15:13:03 | delete from product where productid=3 | Error Code: 1451. Cannot delete or update a parent row: a foreign key constraint fails ('sql_coding_challe... | 0 |
| ✓ 124 | 15:13:15 | set foreign_key_checks = 0 | 0 row(s) affected | 0 |
| ✓ 125 | 15:13:30 | delete from product where productid=3 | 1 row(s) affected | 0 |

Query Completed

Query: Delete from the Electronics table:

`delete from electronics where productid=3;`

```
61 • select * from product;
62 • delete from electronics where productid=3;
63 • select * from product;
64 • delete from clothing where productid=3;
65 • select * from product;
66 • delete from user where userid=23;
67 • select * from product;
```

Output

| # | Time | Action | Message |
|-------|----------|---------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| ✓ 120 | 14:54:56 | update user set role='User' where userid=23 | 1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0 |
| ✗ 121 | 15:12:47 | delete from product where productid=3 | Error Code: 1451. Cannot delete or update a parent row: a foreign key constraint fails ('sql_coding_challe... |
| ✓ 122 | 15:12:57 | set foreign_key_checks = 1 | 0 row(s) affected |
| ✗ 123 | 15:13:03 | delete from product where productid=3 | Error Code: 1451. Cannot delete or update a parent row: a foreign key constraint fails ('sql_coding_challe... |
| ✓ 124 | 15:13:15 | set foreign_key_checks = 0 | 0 row(s) affected |
| ✓ 125 | 15:13:30 | delete from product where productid=3 | 1 row(s) affected |
| ✓ 126 | 15:13:58 | delete from electronics where productid=3 | 1 row(s) affected |

Query Completed

Query: Delete from the Clothing table

`delete from clothing where productid=3;`

```
63 • select * from product;
64 • delete from clothing where productid=3;
65 • select * from product;
66 • delete from user where userid=23;
67 • select * from product;
```

Output

| # | Time | Action | Message | Duration / |
|-------|----------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------|------------|
| ✗ 121 | 15:12:47 | delete from product where productid=3 | Error Code: 1451. Cannot delete or update a parent row: a foreign key constraint fails ('sql_coding_challe... | 0.000 sec |
| ✓ 122 | 15:12:57 | set foreign_key_checks = 1 | 0 row(s) affected | 0.000 sec |
| ✗ 123 | 15:13:03 | delete from product where productid=3 | Error Code: 1451. Cannot delete or update a parent row: a foreign key constraint fails ('sql_coding_challe... | 0.000 sec |
| ✓ 124 | 15:13:15 | set foreign_key_checks = 0 | 0 row(s) affected | 0.000 sec |
| ✓ 125 | 15:13:30 | delete from product where productid=3 | 1 row(s) affected | 0.000 sec |
| ✓ 126 | 15:13:58 | delete from electronics where productid=3 | 1 row(s) affected | 0.000 sec |
| ✓ 127 | 15:14:32 | delete from clothing where productid=3 | 1 row(s) affected | 0.000 sec |

Query Completed

Query: Delete from the User table

delete from user where userid=23;

```
60 • delete from product where productid=3;
61 • select * from product;
62 • delete from electronics where productid=3;
63 • select * from product;
64 • delete from clothing where productid=3;
65 • select * from product;
66 • delete from user where userid=23;
67 • select * from product;
```

Output

| Action Output | | | | |
|---------------|-----|----------|-------------------------------------------|------------------------|
| | # | Time | Action | Message |
| ✓ | 122 | 15:12:57 | set foreign_key_checks = 1 | 0 row(s) affected |
| ✗ | 123 | 15:13:03 | delete from product where productid=3 | Error Code: 1451. Cann |
| ✓ | 124 | 15:13:15 | set foreign_key_checks = 0 | 0 row(s) affected |
| ✓ | 125 | 15:13:30 | delete from product where productid=3 | 1 row(s) affected |
| ✓ | 126 | 15:13:58 | delete from electronics where productid=3 | 1 row(s) affected |
| ✓ | 127 | 15:14:32 | delete from clothing where productid=3 | 1 row(s) affected |
| ✓ | 128 | 15:14:56 | delete from user where userid=23 | 1 row(s) affected |

Query Completed