

Database Assignment 4

Results

Ahmed Taaha

Create trigger

```
mysql> DELIMITER //
```

```
mysql> CREATE TRIGGER after_delete_painting
```

```
    -> AFTER DELETE ON painting
```

```
    -> FOR EACH ROW
```

```
    -> BEGIN
```

```
    -> delete from shown_at where art = old.id_no;
```

```
    -> delete from art_object where id_no = old.id_no;
```

```
    -> END //
```

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

```
mysql> DELIMITER ;
```

Select result of painting

```
mysql> select * from painting;
```

id_no	type	style	drawn_on
1	portrait	half-length portrait	1503-01-01
2	oil-on-canvas	east facing window	1889-06-01
5	painting	sunrise of port	1872-01-01
9	portrait	style 1	1503-01-01
10	oil-on-canvas	style 2	1889-06-01
11	portrait	style 3	1503-01-01
12	oil-on-canvas	style 4	1889-06-01

```
7 rows in set (0.00 sec)
```

```
mysql>
```

Select result of art_object

```
mysql> select * from art_object;
```

id_no	year	title	description	artist_name
1	1505	Mona Lisa	The Mona Lisa is a half-length portrait painting by Italian artist Leonardo da Vinci	Leonardo da Vinci
2	1889	The Starry Night	The Starry Night is an oil-on-canvas painting by the Dutch Post-Impressionist painter Vincent van Gogh	Vincent van Gogh
3	1511	The School of Athens	The School of Athens is a fresco by the Italian Renaissance artist Raphael	Raphael
4	1504	David of Michelangelo	David is a masterpiece of Italian Renaissance sculpture Michelangelo	Michelangelo
5	1872	Impression, Sunrise	Impression, Sunrise is an 1872 painting by Claude Monet	Claude Monet
6	1504	Madonna of Bruges	A marble sculpture by Michelangelo of the Virgin and Child.	Michelangelo
7	1495	Angel	A statue of an angel	Michelangelo
8	1996	Spider	Spider is a sculpture by Louise Bourgeois	Louise Bourgeois
9	1872	Painting 1	Sunrise painting	John Doe
10	1504	Painting 2	Sunset painting	John Doe
11	1495	Shining Stars	Shining stars on dessert	John Smith
12	1996	Painting	A hezard of ships in snow	John Smith

```
12 rows in set (0.00 sec)
```

```
mysql>
```

Select result of show_at

```
mysql> select * from shown_at;
+----+-----+
| art | exhibition_name |
+----+-----+
| 1   | E1              |
| 4   | E1              |
| 6   | E1              |
| 7   | E1              |
| 8   | E1              |
| 9   | E1              |
| 12  | E1              |
| 2   | E2              |
| 3   | E2              |
| 5   | E2              |
| 10  | E2              |
| 11  | E2              |
+----+-----+
12 rows in set (0.00 sec)

mysql> █
```

Deleting record from painting with id_no 1

```
mysql> delete from painting where id_no = 1;  
Query OK, 1 row affected (0.00 sec)
```

```
mysql> █
```

Select result of painting after delete

```
mysql> select * from painting;
```

id_no	type	style	drawn_on
2	oil-on-canvas	east facing window	1889-06-01
5	painting	sunrise of port	1872-01-01
9	portrait	style 1	1503-01-01
10	oil-on-canvas	style 2	1889-06-01
11	portrait	style 3	1503-01-01
12	oil-on-canvas	style 4	1889-06-01

```
6 rows in set (0.00 sec)
```

```
mysql> █
```

Select result of art_object after delete

```
mysql> select * from art_object;
```

id_no	year	title	description	artist_name
2	1889	The Stary Night	The Starry Night is an oil-on-canvas painting by the Dutch Post-Impressionist painter Vincent van Gogh	Vincent van Gogh
3	1511	The School of Athens	The School of Athens is a fresco by the Italian Renaissance artist Raphael	Raphael
4	1584	David of Michelangelo	David is a masterpiece of Italian Renaissance sculpture Michelangelo	Michelangelo
5	1872	Impression, Sunrise	Impression, Sunrise is an 1872 painting by Claude Monet	Claude Monet
6	1584	Madonna of Bruges	A marble sculpture by Michelangelo of the Virgin and Child.	Michelangelo
7	1495	Angel	A statue of an angel	Michelangelo
8	1996	Spider	Spider is a sculpture by Louise Bourgeois	Louise Bourgeois
9	1872	Paiting 1	Sunrise painting	John Doe
10	1584	Paiting 2	Sunset painting	John Doe
11	1495	Shining Stars	Shining stars on dessert	John Smith
12	1996	Paiting	A hezard of ships in snow	John Smith

11 rows in set (0.00 sec)

```
mysql>
```

Select result of shown_at after delete

```
mysql> select * from shown_at;
```

art	exhibition_name
4	E1
6	E1
7	E1
8	E1
9	E1
12	E1
2	E2
3	E2
5	E2
10	E2
11	E2

11 rows in set (0.00 sec)

```
mysql>
```

Deleting pating record with id_no 2

```
mysql> delete from painting where id_no = 2;
```

Query OK, 1 row affected (0.01 sec)

```
mysql>
```

Select result after delete

```
mysql> select * from painting;
```

id_no	type	style	drawn_on
5	painting	sunrise of port	1872-01-01
9	portrait	style 1	1503-01-01
10	oil-on-canvas	style 2	1889-06-01
11	portrait	style 3	1503-01-01
12	oil-on-canvas	style 4	1889-06-01

```
5 rows in set (0.00 sec)
```

```
mysql> █
```

Select result after delete

```
mysql> select * from shown_at;
```

art	exhibition_name
4	E1
6	E1
7	E1
8	E1
9	E1
12	E1
3	E2
5	E2
10	E2
11	E2

```
10 rows in set (0.00 sec)
```

```
mysql> █
```

Select result after delete

```
mysql> select * from art_object;
```

id_no	year	title	description	artist_name
3	1511	The School of Athens	The School of Athens is a fresco by the Italian Renaissance artist Raphael	Raphael
4	1504	David of Michelangelo	David is a masterpiece of Italian Renaissance sculpture Michelangelo	Michelangelo
5	1872	Impression, Sunrise	Impression, Sunrise is an 1872 painting by Claude Monet	Claude Monet
6	1504	Madonna of Bruges	A marble sculpture by Michelangelo of the Virgin and Child.	Michelangelo
7	1495	Angel	A statue of an angel	Michelangelo
8	1996	Spider	Spider is a sculpture by Louise Bourgeois	Louise Bourgeois
9	1872	Painting 1	Sunrise painting	John Doe
10	1504	Painting 2	Sunset painting	John Doe
11	1495	Shining Stars	Shining stars on dessert	John Smith
12	1996	Painting	A hezard of ships in snow	John Smith

```
10 rows in set (0.00 sec)
```

```
mysql> █
```