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PSYAB9

20150084

```
INSERT INTO Actor(actName) VALUES ('Arethan');
INSERT INTO Actor(actName) VALUES ('Barry');
INSERT INTO Actor(actName) VALUES ('Bullet');
INSERT INTO Actor(actName) VALUES ('Daniel');
INSERT INTO Actor(actName) VALUES ('James');
INSERT INTO Actor(actName) VALUES ('Jonny');
INSERT INTO Movie(actID, mvTitle, mvPrice, mvGenre) VALUES (1, 'Die Hard With a Vengeance',
11.74,'Action');
INSERT INTO Movie(actID, mvTitle, mvPrice, mvGenre) VALUES (2, 'Black Snake Moan', 9.99,
'Adventure');
INSERT INTO Movie(actID, mvTitle, mvPrice, mvGenre) VALUES (3, 'Snake on a Plane', 9.99, 'Sci-fi');
INSERT INTO Movie(actID, mvTitle, mvPrice, mvGenre) VALUES (4, 'Freeway of Love', 8.05, 'Drama');
INSERT INTO Movie(actID, mvTitle, mvPrice, mvGenre) VALUES (5, 'I knew you were waiting for me',
12.24, 'Comedy');
INSERT INTO Movie(actID, mvTitle, mvPrice, mvGenre) VALUES (6, 'Black Panther', 9.99, 'Drama');
SELECT actID FROM Actor WHERE actName = 'Laura';
INSERT INTO Actor(actName) VALUES ('Laura');
SELECT actID FROM Actor WHERE actName = 'laura';
INSERT INTO Movie(actID, mvTitle, mvPrice, mvGenre) VALUES (7, 'The Jungle Book', 9.99, 'Crime');
SELECT actID FROM Actor WHERE actName = 'Ryan';
INSERT INTO Actor(actName) VALUES ('Ryan');
SELECT actID FROM Actor WHERE actName = 'Ryan';
INSERT INTO Movie(actID, mvTitle, mvPrice, mvGenre) VALUES (8, 'Infinity War', 7.99, 'Horror');
SELECT actID FROM Actor WHERE actName = 'Sebastian';
INSERT INTO Actor(actName) VALUES ('Sebastian');
SELECT actID FROM Actor WHERE actName = 'Sebastian';
INSERT INTO Movie(actID, mvTitle, mvPrice, mvGenre) VALUES (9, 'Coming to Europe', 8.54,
'Adventure');

SELECT * FROM Actor;
SELECT * FROM Movie;

UPDATE Actor SET actName = 'James Bond' WHERE actName ='James';
SELECT * FROM Actor;

UPDATE Movie SET mvPrice = mvPrice + 1.00;
SELECT * FROM Movie;

UPDATE Movie SET mvPrice = mvPrice - 1.00;
SELECT * FROM Movie;

UPDATE Movie SET mvPrice = mvPrice - 0.50 WHERE mvPrice > 10.00;
SELECT * FROM Movie;
```

DELETE FROM Actor WHERE actName='Bullet';

```
+-------+
|     8 |
+-------+
1 row in set (0.00 sec)

MariaDB [psyab9]> INSERT INTO Movie(actID, mvTitle, mvPrice, mvGenre) VALUES (8, 'Infinity War', 7.99, 'Horror');
Query OK, 1 row affected (0.00 sec)

MariaDB [psyab9]> SELECT actID FROM Actor WHERE actName = 'Sebastian';
Empty set (0.00 sec)

MariaDB [psyab9]> INSERT INTO Actor(actName) VALUES ('Sebastian');
Query OK, 1 row affected (0.01 sec)

MariaDB [psyab9]> SELECT actID FROM Actor WHERE actName = 'Sebastian';
+-------+
| actID |
+-------+
|     9 |
+-------+
1 row in set (0.00 sec)

MariaDB [psyab9]> INSERT INTO Movie(actID, mvTitle, mvPrice, mvGenre) VALUES (9, 'Coming to Europe', 8.54, 'Adventure');
Query OK, 1 row affected (0.00 sec)

MariaDB [psyab9]>
MariaDB [psyab9]> SELECT * FROM Actor;
+-------+-----------+
| actID | actName   |
+-------+-----------+
|     1 | Arethan   |
|     2 | Barry     |
|     3 | Bullet    |
|     4 | Daniel    |
|     5 | James     |
|     6 | Jonny     |
|     7 | Laura     |
|     8 | Ryan      |
|     9 | Sebastian |
+-------+-----------+
9 rows in set (0.00 sec)

MariaDB [psyab9]> SELECT * FROM Movie;
+------+-------+---------+--------+------------------------------+----------+-----------+
| mvID | actID | mvPrice | mvYear | mvTitle                      | numScene | mvGenre   |
+------+-------+---------+--------+------------------------------+----------+-----------+
|    1 |     1 |   11.74 |   NULL | Die Hard With a Vengeance    |     NULL | Action    |
|    2 |     2 |    9.99 |   NULL | Black Snake Moan             |     NULL | Adventure |
|    3 |     3 |    9.99 |   NULL | Snake on a Plane             |     NULL | Sci-fi    |
|    4 |     4 |    8.05 |   NULL | Freeway of Love              |     NULL | Drama     |
|    5 |     5 |   12.24 |   NULL | I knew you were waiting for me |   NULL | Comedy    |
|    6 |     6 |    9.99 |   NULL | Black Panther                |     NULL | Drama     |
|    7 |     7 |    9.99 |   NULL | The Jungle Book              |     NULL | Crime     |
|    8 |     8 |    7.99 |   NULL | Infinity War                 |     NULL | Horror    |
|    9 |     9 |    8.54 |   NULL | Coming to Europe             |     NULL | Adventure |
+------+-------+---------+--------+------------------------------+----------+-----------+
9 rows in set (0.00 sec)

MariaDB [psyab9]>
MariaDB [psyab9]> UPDATE Actor SET actName = 'James Bond' WHERE actName ='James';
Query OK, 1 row affected (0.00 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [psyab9]> SELECT * FROM Actor;
+-------+------------+
| actID | actName    |
+-------+------------+
|     1 | Arethan    |
|     2 | Barry      |
|     3 | Bullet     |
|     4 | Daniel     |
|     5 | James Bond |
|     6 | Jonny      |
|     7 | Laura      |
|     8 | Ryan       |
|     9 | Sebastian  |
+-------+------------+
9 rows in set (0.00 sec)
```

```
MariaDB [psyab9]>
MariaDB [psyab9]> UPDATE Movie SET mvPrice = mvPrice + 1.00;
Query OK, 9 rows affected (0.01 sec)
Rows matched: 9  Changed: 9  Warnings: 0

MariaDB [psyab9]> SELECT * FROM Movie;
+------+-------+---------+--------+-------------------------------+----------+-----------+
| mvID | actID | mvPrice | mvYear | mvTitle                       | numScene | mvGenre   |
+------+-------+---------+--------+-------------------------------+----------+-----------+
|    1 |     1 |   12.74 |   NULL | Die Hard With a Vengeance     |     NULL | Action    |
|    2 |     2 |   10.99 |   NULL | Black Snake Moan              |     NULL | Adventure |
|    3 |     3 |   10.99 |   NULL | Snake on a Plane              |     NULL | Sci-fi    |
|    4 |     4 |    9.05 |   NULL | Freeway of Love               |     NULL | Drama     |
|    5 |     5 |   13.24 |   NULL | I knew you were waiting for me |    NULL | Comedy    |
|    6 |     6 |   10.99 |   NULL | Black Panther                 |     NULL | Drama     |
|    7 |     7 |   10.99 |   NULL | The Jungle Book               |     NULL | Crime     |
|    8 |     8 |    8.99 |   NULL | Infinity War                  |     NULL | Horror    |
|    9 |     9 |    9.54 |   NULL | Coming to Europe              |     NULL | Adventure |
+------+-------+---------+--------+-------------------------------+----------+-----------+
9 rows in set (0.00 sec)

MariaDB [psyab9]>
MariaDB [psyab9]> UPDATE Movie SET mvPrice = mvPrice - 1.00;
Query OK, 9 rows affected (0.00 sec)
Rows matched: 9  Changed: 9  Warnings: 0

MariaDB [psyab9]> SELECT * FROM Movie;
+------+-------+---------+--------+-------------------------------+----------+-----------+
| mvID | actID | mvPrice | mvYear | mvTitle                       | numScene | mvGenre   |
+------+-------+---------+--------+-------------------------------+----------+-----------+
|    1 |     1 |   11.74 |   NULL | Die Hard With a Vengeance     |     NULL | Action    |
|    2 |     2 |    9.99 |   NULL | Black Snake Moan              |     NULL | Adventure |
|    3 |     3 |    9.99 |   NULL | Snake on a Plane              |     NULL | Sci-fi    |
|    4 |     4 |    8.05 |   NULL | Freeway of Love               |     NULL | Drama     |
|    5 |     5 |   12.24 |   NULL | I knew you were waiting for me |    NULL | Comedy    |
|    6 |     6 |    9.99 |   NULL | Black Panther                 |     NULL | Drama     |
|    7 |     7 |    9.99 |   NULL | The Jungle Book               |     NULL | Crime     |
|    8 |     8 |    7.99 |   NULL | Infinity War                  |     NULL | Horror    |
|    9 |     9 |    8.54 |   NULL | Coming to Europe              |     NULL | Adventure |
+------+-------+---------+--------+-------------------------------+----------+-----------+
9 rows in set (0.00 sec)

MariaDB [psyab9]>
MariaDB [psyab9]> UPDATE Movie SET mvPrice = mvPrice - 0.50 WHERE mvPrice > 10.00;
Query OK, 2 rows affected (0.00 sec)
Rows matched: 2  Changed: 2  Warnings: 0

MariaDB [psyab9]> SELECT * FROM Movie;
+------+-------+---------+--------+-------------------------------+----------+-----------+
| mvID | actID | mvPrice | mvYear | mvTitle                       | numScene | mvGenre   |
+------+-------+---------+--------+-------------------------------+----------+-----------+
|    1 |     1 |   11.24 |   NULL | Die Hard With a Vengeance     |     NULL | Action    |
|    2 |     2 |    9.99 |   NULL | Black Snake Moan              |     NULL | Adventure |
|    3 |     3 |    9.99 |   NULL | Snake on a Plane              |     NULL | Sci-fi    |
|    4 |     4 |    8.05 |   NULL | Freeway of Love               |     NULL | Drama     |
|    5 |     5 |   11.74 |   NULL | I knew you were waiting for me |    NULL | Comedy    |
|    6 |     6 |    9.99 |   NULL | Black Panther                 |     NULL | Drama     |
|    7 |     7 |    9.99 |   NULL | The Jungle Book               |     NULL | Crime     |
|    8 |     8 |    7.99 |   NULL | Infinity War                  |     NULL | Horror    |
|    9 |     9 |    8.54 |   NULL | Coming to Europe              |     NULL | Adventure |
+------+-------+---------+--------+-------------------------------+----------+-----------+
9 rows in set (0.00 sec)

MariaDB [psyab9]>
MariaDB [psyab9]> DELETE FROM Actor WHERE actName='Bullet';
ERROR 1451 (23000): Cannot delete or update a parent row: a foreign key constraint fails (`psyab9`.`Movie`, CONSTRAINT `fk_mv_act` FOREIGN KEY (`actID`) REFERENCES `
Actor` (`actID`) ON UPDATE CASCADE)
MariaDB [psyab9]>
```