phpMyAdmin

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Recent Favorites

Server: 127.0.0.1 » Database: movie

| | Structure | | SQL | | Search | | Query | | Export | | Import | | Operations | | Privileges | | Routines | | Events | | Triggers | | Tracking | | Mo |

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  - book_adoption
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Filters

Containing the word: [   ]

Table ▲	Action										Rows	Type	Collation	Size	Overhead
☐ actor	⭐		Browse		Structure		Search		Insert		Empty	⊖ Drop	5	InnoDB	utf8mb4_general_ci	16.0 KiB	-
☐ director	⭐		Browse		Structure		Search		Insert		Empty	⊖ Drop	5	InnoDB	utf8mb4_general_ci	16.0 KiB	-
☐ movies	⭐		Browse		Structure		Search		Insert		Empty	⊖ Drop	7	InnoDB	utf8mb4_general_ci	32.0 KiB	-
☐ movie_cast	⭐		Browse		Structure		Search		Insert		Empty	⊖ Drop	7	InnoDB	utf8mb4_general_ci	48.0 KiB	-
☐ rating	⭐		Browse		Structure		Search		Insert		Empty	⊖ Drop	7	InnoDB	utf8mb4_general_ci	32.0 KiB	-
5 tables	Sum										31	InnoDB	utf8mb4_general_ci	144.0 KiB	0 B

↑ ☐ Check all   With selected: [▼]

🖨 Print 📖 Data dictionary

📋 Create table

Name: [   ]   Number of columns: [4   ]

Go

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Show query box

✔ Showing rows 0 - 1 (2 total, Query took 0.0081 seconds.)

SELECT M.MOVIE_TITLE FROM MOVIES M,DIRECTOR D WHERE M.DIR_ID=D.DIR_ID AND D.DIR_NAME='Alfred Hitchcock'

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ▾ Filter rows: Search this table

+ Options
← T →   MOVIE_TITLE

| ☐ | 🖉 Edit | 📋 Copy | ⊖ Delete | Red Sparrow |
| ☐ | 🖉 Edit | 📋 Copy | ⊖ Delete | Mission Impossible |

↑ ☐ Check all With selected: 🖉 Edit 📋 Copy ⊖ Delete Export

☐ Show all | Number of rows: 25 ▾ Filter rows: Search this table

Query results operations

🖨 Print   📋 Copy to clipboard   Export   📊 Display chart   Create view

📑 Bookmark this SQL query

Label: ☐ Let every user access this bookmark

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🏠📄⑨🗒⚙🔄

Recent Favorites

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- ⊞ supplier database

— 🖥 Server: 127.0.0.1 » 🗄 Database: movie » 📋 Table: MOVIES

| 📄 Browse | 🔧 Structure | 📋 SQL | 🔍 Search | 📝 Insert | 📤 Export | 📥 Import | 🔐 Privileges | 🔧 Operations | 👁 Tracking | 🔱 Triggers |

Show query box

✔ Showing rows 0 - 3 (4 total, Query took 0.0373 seconds.)

SELECT M.MOVIE_TITLE FROM ACTOR A,MOVIE_CAST C,MOVIES M WHERE A.ACT_ID=C.ACT_ID AND C.MOVIE_ID=M.MOVIE_ID AND A.ACT_ID IN(SELECT ACT_ID FROM MOVIE_CAST GROUP BY ACT_ID HAVING COUNT(*)>2)

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ▾ Filter rows: Search this table

+ Options
←T→				MOVIE_TITLE
☐	✏ Edit	📋 Copy	⊖ Delete	War of the Worlds
☐	✏ Edit	📋 Copy	⊖ Delete	Mission Impossible
☐	✏ Edit	📋 Copy	⊖ Delete	Spider Man
☐	✏ Edit	📋 Copy	⊖ Delete	Avatar

↑ ☐ Check all With selected: ✏ Edit 📋 Copy ⊖ Delete 📤 Export

☐ Show all | Number of rows: 25 ▾ Filter rows: Search this table

Query results operations

🖨 Print 📋 Copy to clipboard 📤 Export 📊 Display chart 👁 Create view

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Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | Triggers

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Show query box

⚠ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available. ⓘ

✔ Showing rows 0 - 2 (3 total, Query took 0.0113 seconds.)

SELECT A.ACT_NAME FROM ACTOR A JOIN MOVIE_CAST MC ON A.ACT_ID=MC.ACT_ID JOIN MOVIES M ON MC.MOVIE_ID=M.MOVIE_ID WHERE M.MOVIE_YEAR NOT BETWEEN 2000 AND 2015

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ⌄ | Filter rows: Search this table | Sort by key: None ⌄

+ Options

ACT_NAME

Tom Cruise

Leonardo

Jennifer Lawrence

☐ Show all | Number of rows: 25 ⌄ | Filter rows: Search this table | Sort by key: None ⌄

Query results operations

🖨 Print | Copy to clipboard | Export | Display chart | Create view
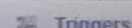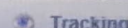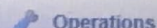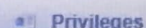
Bookmark this SQL query

Label: [   ]

☐ Let every user access this bookmark

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← ☐ Server: 127.0.0.1 » ☐ Database: movie » ☐ Table: MOVIES

Browse	Structure	SQL	Search	Insert	Export	Import	Privileges	Operations	Tracking	Triggers

Recent Favorites
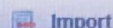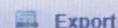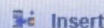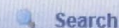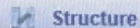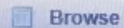
Show query box

✔ Showing rows 0 - 6 (7 total, Query took 0.0678 seconds.) [MOVIE_TITLE: AVATAR... - WAR OF THE WORLDS...]

```
SELECT M.MOVIE_TITLE, MAX(R.RATING_STARS) AS MAXIMUM_RATING FROM MOVIES M, RATING R WHERE M.MOVIE_ID = R.MOVIE_ID GROUP BY M.MOVIE_TITLE HAVING
COUNT(R.RATING_STARS>=1) ORDER BY M.MOVIE_TITLE
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ⌄   Filter rows: Search this table

+ Options

			MOVIE_TITLE ▲ 1	MAXIMUM_RATING
☐	🖉 Edit	⬚ Copy	⊖ Delete	Avatar	4
☐	🖉 Edit	⬚ Copy	⊖ Delete	Iron Man	5
☐	🖉 Edit	⬚ Copy	⊖ Delete	Mission Impossible	5
☐	🖉 Edit	⬚ Copy	⊖ Delete	Red Sparrow	3
☐	🖉 Edit	⬚ Copy	⊖ Delete	Spider Man	4
☐	🖉 Edit	⬚ Copy	⊖ Delete	Titanic	4
☐	🖉 Edit	⬚ Copy	⊖ Delete	War of the Worlds	3

↑ ☐ Check all   With selected: 🖉 Edit ⬚ Copy ⊖ Delete ⬚ Export

☐ Show all | Number of rows: 25 ⌄   Filter rows: Search this table
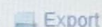
Query results operations

Sidebar tree:
- New
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Recent   Favorites

🗗 New
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    ⊞ 🗎 student
    ⊞ 🗎 text
⊞ 🗀 supplier database

← 🖳 Server: 127.0.0.1 » 🛢 Database: movie » 🗎 Table: RATING

| 🗔 Browse | 🔧 Structure | 📄 SQL | 🔍 Search | 🖊 Insert | 📤 Export | 📥 Import | 🔒 Privileges | ⚙ Operations | ⏱ Tracking | 🔱 Triggers |

✔ 2 rows affected. (Query took 0.0580 seconds.)

UPDATE RATING SET RATING_STARS = 5 WHERE MOVIE_ID IN (SELECT M.MOVIE_ID FROM MOVIES M, DIRECTOR D WHERE M.DIR_ID = D.DIR_ID AND D.DIR_NAME = 'Steven Spielberg')

[Edit inline] [Edit] [Create PHP code]

⚠ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available. ⓦ

✔ Showing rows 0 - 6 (7 total, Query took 0.0041 seconds.)

SELECT * FROM RATING

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ⌄   Filter rows: Search this table   Sort by key: None ⌄

+ Options

MOVIE_ID	RATING_STARS
1	5
2	5
3	5
4	3
5	4
6	4
7	5

☐ Show all | Number of rows: 25 ⌄   Filter rows: Search this table   Sort by key: None ⌄

Query results operations

```
CREATE DATABASE MOVIE;
USE MOVIE;

CREATE TABLE ACTOR(ACT_ID INT PRIMARY KEY ,ACT_NAME VARCHAR(30),ACT_GENDER VARCHAR(30)   );

CREATE TABLE DIRECTOR(DIR_ID INT,DIR_NAME VARCHAR(30),PHONE_NO LONG,PRIMARY KEY(DIR_ID));

CREATE TABLE MOVIES(MOVIE_ID INT,MOVIE_TITLE VARCHAR(30),MOVIE_YEAR INT,MOVIE_LANG VARCHAR(30),DIR_ID INT,
    PRIMARY KEY(MOVIE_ID),
        FOREIGN KEY(DIR_ID) REFERENCES DIRECTOR(DIR_ID) ON UPDATE CASCADE);

CREATE TABLE MOVIE_CAST(ACT_ID INT,MOVIE_ID INT,ROLE VARCHAR(30),
        FOREIGN KEY(ACT_ID) REFERENCES ACTOR(ACT_ID) ON DELETE CASCADE ON UPDATE CASCADE,
        FOREIGN KEY(MOVIE_ID) REFERENCES MOVIES(MOVIE_ID) ON DELETE CASCADE ON UPDATE CASCADE);

CREATE TABLE RATING(MOVIE_ID INT,RATING_STARS INT CHECK (RATING_STARS<=5),
        FOREIGN KEY(MOVIE_ID) REFERENCES MOVIES(MOVIE_ID) ON UPDATE CASCADE);


INSERT INTO ACTOR(ACT_ID,ACT_NAME,ACT_GENDER) VALUES
(1, 'Tom Cruise','MALE' ),
(2, 'Leonardo','MALE'),
(3, 'Robert Downey', 'MALE'),
 (4, 'Jennifer Lawrence','FEMALE'),
(5, 'Emma Stone','FEMALE');
select * from ACTOR;

INSERT INTO DIRECTOR(DIR_ID, DIR_NAME, PHONE_NO) VALUES
(1, 'Steven Spielberg', 99988776600),
(2, 'Christopher', 9988776611),
(3, 'Alfred Hitchcock', 9988776622),
(4, 'Tim Burton', 9988776633),
(5, 'James Cameron', 9988776644);
select * from DIRECTOR;
INSERT INTO MOVIES(MOVIE_ID,MOVIE_TITLE,MOVIE_YEAR,MOVIE_LANG,DIR_ID) VALUES
(1,'War of the Worlds', 2005, 'ENG', 1),
```

```sql
INSERT INTO DIRECTOR(DIR_ID, DIR_NAME, PHONE_NO) VALUES
(1, 'Steven Spielberg', 99988776600),
(2, 'Christopher', 9988776611),
(3, 'Alfred Hitchcock', 9988776622),
(4, 'Tim Burton', 9988776633),
(5, 'James Cameron', 9988776644);
select * from DIRECTOR;
INSERT INTO MOVIES(MOVIE_ID,MOVIE_TITLE,MOVIE_YEAR,MOVIE_LANG,DIR_ID) VALUES
(1,'War of the Worlds', 2005, 'ENG', 1),
(2,'Titanic', 1997, 'ENG', 1),
(3,'Iron Man', 2008, 'ENG', 2),
(4,'Red Sparrow', 2018, 'ENG', 3),
(5,'Spider Man',2015, 'ENG', 4),
(6, 'Avatar', 2009, 'ENG', 5),
(7,'Mission Impossible',2017,'ENG',3);
select * from MOVIES;

INSERT INTO MOVIE_CAST(ACT_ID, MOVIE_ID,ROLE) VALUES
(1, 1, 'LEAD'),
(1, 7, 'LEAD'),
(2, 2, 'LEAD'),
(3, 3, 'LEAD'),
(4, 4, 'LEAD'),
(5, 5, 'LEAD'),
 (5,6,'CO-STAR');
 select * FROM MOVIE_CAST;

INSERT INTO RATING(MOVIE_ID, RATING_STARS) VALUES
(1, 3),
(2, 4),
(3, 5),
(4, 3),
(5, 4),
(6, 4),
(7, 5);
```

```
(4, 3),
(5, 4),
(6, 4),
(7, 5);

SELECT * FROM RATING;


-- 3. List the titles of all movies directed by 'Hitchcock'.
SELECT M.MOVIE_TITLE FROM MOVIES M,DIRECTOR D WHERE M.DIR_ID=D.DIR_ID
AND D.DIR_NAME='Alfred Hitchcock';

-- 4. Find the movie names where one or more actors acted in two or more movies.
SELECT M.MOVIE_TITLE FROM ACTOR A,MOVIE_CAST C,MOVIES M WHERE A.ACT_ID=C.ACT_ID AND
C.MOVIE_ID=M.MOVIE_ID AND A.ACT_ID IN(SELECT ACT_ID FROM MOVIE_CAST GROUP BY ACT_ID HAVING COUNT(*)>=2);

-- 5. List all actors who acted in a movie before 2000 and also in a movie after 2015 (use JOIN operation).
SELECT A.ACT_NAME FROM ACTOR A
JOIN MOVIE_CAST MC ON A.ACT_ID=MC.ACT_ID
JOIN MOVIES M ON MC.MOVIE_ID=M.MOVIE_ID
WHERE M.MOVIE_YEAR NOT BETWEEN 2000 AND 2015;

-- 6. Find the title of movies and number of stars for each movie that has at least one rating and find the highest
-- number of stars that movie received. Sort the result by movie title.
SELECT M.MOVIE_TITLE, MAX(R.RATING_STARS) AS MAXIMUM_RATING FROM MOVIES M, RATING R
WHERE M.MOVIE_ID = R.MOVIE_ID GROUP BY M.MOVIE_TITLE HAVING COUNT(R.RATING_STARS>=1) ORDER BY M.MOVIE_TITLE;


-- 7. Update rating of all movies directed by 'Steven Spielberg' to 5.
UPDATE RATING SET RATING_STARS = 5 WHERE MOVIE_ID IN
(SELECT M.MOVIE_ID FROM MOVIES M, DIRECTOR D WHERE M.DIR_ID = D.DIR_ID
AND D.DIR_NAME='Steven Spielberg');
SELECT * FROM RATING;
```