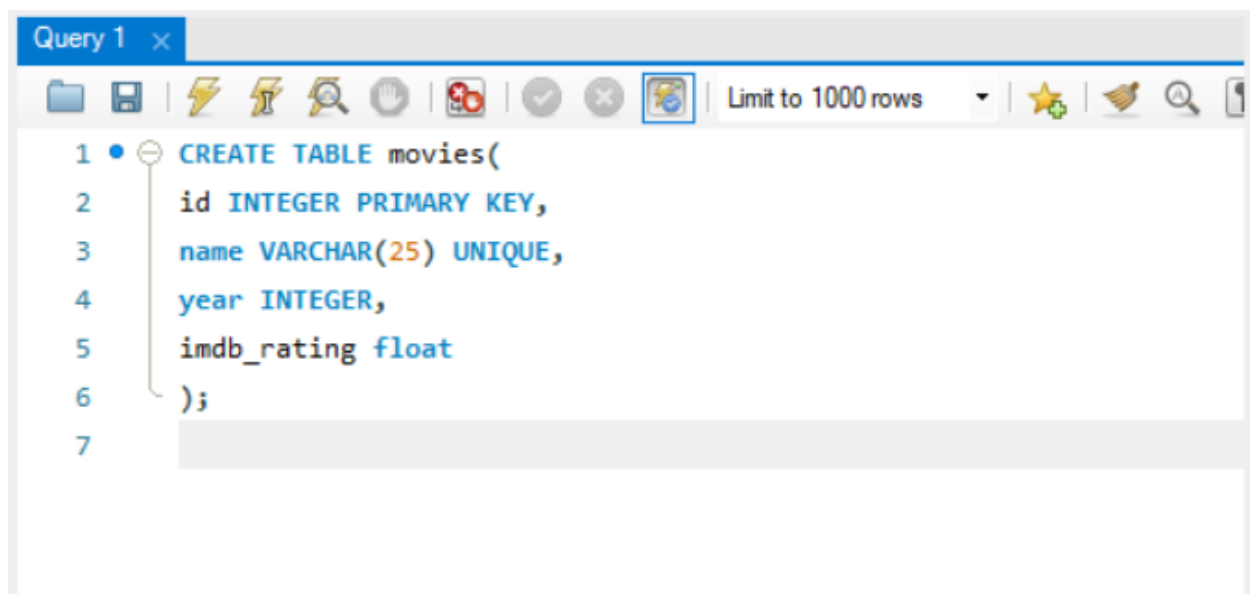


Smartbridge Modern Application Development

Assignment 2











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MySQL:



```
1 • CREATE TABLE movies(  
2     id INTEGER PRIMARY KEY,  
3     name VARCHAR(25) UNIQUE,  
4     year INTEGER,  
5     imdb_rating float  
6 );  
7
```

```
1 • INSERT INTO movies (id, name, year, imdb_rating)  
2 VALUES(1, 'Spider-Man', 2002, 7.4);  
3 • INSERT INTO movies (id, name, year, imdb_rating)  
4 VALUES(2, 'The Dark Knight', 2008, 9.0);  
5 • INSERT INTO movies (id, name, year, imdb_rating)  
6 VALUES(3, 'Inception', 2010, 8.8);  
7 • INSERT INTO movies (id, name, year, imdb_rating)  
8 VALUES(4, 'Django Unchained', 2012, 8.4);  
9 • INSERT INTO movies (id, name, year, imdb_rating)  
10 VALUES(5, 'Interstellar', 2014, 8.7);
```

Limit to 1000 rows

1 • DELETE FROM movies


2 WHERE id = 5;


3 • SELECT * FROM movies;




4

<

Result Grid





 Filter Rows:

Edit:   

	id	name	year	imdb_rating
▶	1	Spider-Man	2002	8
	2	The Dark Knight	2008	9
	3	Inception	2010	8.8
	4	Django Unchained	2012	8.4
•	NULL	NULL	NULL	NULL

```
1 UPDATE movies
2 SET imdb_rating = 8.0
3 WHERE id = 1;
4
5 • SELECT * FROM movies;
6
```

<

Result Grid   Filter Rows: Edit:    Export/Import:   Wrap Cell Cont

	id	name	year	imdb_rating
▶	1	Spider-Man	2002	8
	2	The Dark Knight	2008	9
	3	Inception	2010	8.8
	4	Django Unchained	2012	8.4
	5	Interstellar	2014	8.7
*	NULL	NULL	NULL	NULL

	id	movie	director
▶	1	The Dark Knight	Christopher Nolan
	2	Spider-Man	Sam Raimi
	3	Django Unchained	Quentin Tarantino
	4	Inception	Christopher Nolan
✱	NULL	NULL	NULL

Query 1 x

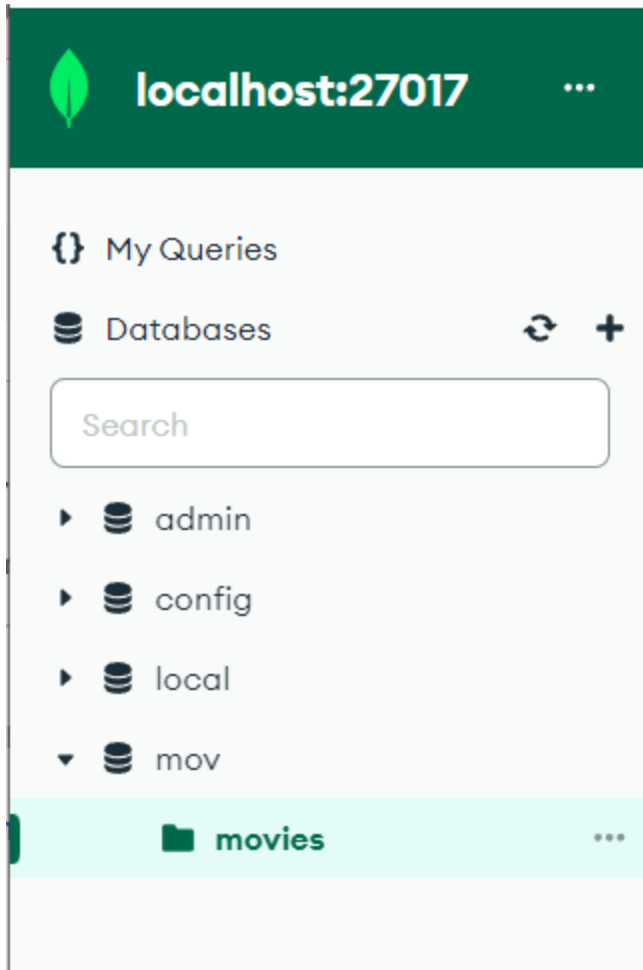
Limit to 1000 rows

```
1 • SELECT movies.id, movies.name, directors.director as 'Director', movies.imdb_rating
2 FROM movies
3 JOIN directors ON movies.name = directors.movie
4 ORDER BY movies.id;
```

Result Grid Filter Rows: Export: Wrap Cell Content:

	id	name	Director	imdb_rating
▶	1	Spider-Man	Sam Raimi	8
	2	The Dark Knight	Christopher Nolan	9
	3	Inception	Christopher Nolan	8.8
	4	Django Unchained	Quentin Tarantino	8.4

MongoDB:



```
> db.movies.insertOne({id:1,name:'Spider-Man',year:2002,imdb_rating:7.4});  
< {  
  acknowledged: true,  
  insertedId: ObjectId("64a2c07bd2e589d31cd458a0")  
}
```

```
db.movies.insertOne({id:2,name:'Inception',year:2010,imdb_rating:8.8});  
db.movies.insertOne({id:3,name:'Django Unchained',year:2012,imdb_rating:8.4});  
db.movies.insertOne({id:4,name:'Interstellar',year:2014,imdb_rating:8.7});  
db.movies.insertOne({id:5,name:'The Dark Knight',year:2008,imdb_rating:9.0});
```

```
> db.movies.getIndexes();  
< [ { v: 2, key: { _id: 1 }, name: '_id_' } ]  
> db.movies.countDocuments();  
< 5  
mov>
```