

PostgreSQL

- Question-1 :
 - **1.2.1) Get all the documents.**
Command :
`SELECT * FROM movies`
 - **1.2.2) Get all documents with `writer` set to "Quentin Tarantino".**
Command :
`SELECT * FROM movies WHERE writer = 'Quentin Tarantino'`
 - **1.2.3) Get all documents where `actors` include "Brad Pitt".**
Command :
`SELECT * FROM movies WHERE 'Bradd Pitt' = ANY (actors)`
 - **1.2.4) Get all documents with `franchise` set to "The Hobbit".**
Command :
`SELECT * FROM movies WHERE franchise = 'The Hobbit'`
 - **1.2.5) Get all movies released in the 90s.**
Command :
`SELECT * FROM movies WHERE year <= 2000 AND year >= 1991`
 - **1.2.6) Get all movies released before the year 2000 or after 2010.**
Command :
`SELECT * FROM movies WHERE year <= 2000 OR year >= 2010`
 - **1.3.1) Add a synopsis to "The Hobbit: An Unexpected Journey" : "A reluctant hobbit, Bilbo Baggins, sets out to the Lonely Mountain with a spirited group of dwarves to reclaim their mountain home - and the gold within it - from the dragon Smaug."**
Command :
`UPDATE movies SET synopsis = 'A reluctant hobbit, Bilbo Baggins, sets out...'
WHERE title = 'The Hobbit: An Unexpected Journey';`
 - **1.3.3) Add an actor named "Samuel L. Jackson" to the movie "Pulp Fiction".**
Command :
`UPDATE movies SET actors = array_append(actors, 'Samuel L. Jackson') WHERE
title = 'Pulp Fiction';`
 - **1.4.1) Find all movies that have a synopsis and contains the word "Bilbo".**
Command :
`SELECT * FROM movies WHERE synopsis LIKE '%Bilbo%';`
 - **1.4.2) Find all movies that have a synopsis and contains the word "Gandalf".**
Command :
`SELECT * FROM movies WHERE synopsis LIKE '%Gandalf%';`

- **1.4.3) Find all movies that have a synopsis and contains the word "Bilbo" and not the word "Gandalf".**

Command :

```
SELECT * FROM movies WHERE synopsis LIKE '%Bilbo%' and synopsis not like 'Gandalf';
```

- **1.4.4) Find all movies that have a synopsis and contains the word "dwarves" or "hobbit".**

Command :

```
SELECT * FROM movies WHERE synopsis LIKE '%dwarves%' OR synopsis LIKE '%hobbit%';
```

- **1.4.5) Find all movies that have a synopsis and contains the word "gold" and "dragon".**

Command :

```
SELECT * FROM movies WHERE synopsis LIKE '%gold%' AND synopsis LIKE '%dragon%';
```

- **1.5.1) Delete the movie "Pee Wee Herman's Big Adventure".**

Command :

```
DELETE FROM movies WHERE title = 'Pee Wee Herman's Big Adventure';
```

- **1.5.2) Delete the movie "Avatar".**

Command :

```
DELETE FROM movies WHERE title = 'Avatar';
```