

Challenge 2: Box Office Hits

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Clipped from: <https://www.khanacademy.org/computing/computer-programming/sql/sql-basics/p/challenge-box-office-hits-database>

Challenge: Box office hits database

Filter recent movies

Hint What's this?

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Now, add a second query after the first, that retrieves only the movies that were released in the year 2000 or later, not before. Sort the results so that the earlier movies are listed first. You should have 2 SELECT statements after this step.

SELECT ... WHERE ...;

```
1 CREATE TABLE movies (id INTEGER PRIMARY KEY, name TEXT, release_year INTEGER);
2 INSERT INTO movies VALUES (1, "Avatar", 2009);
3 INSERT INTO movies VALUES (2, "Titanic", 1997);
4 INSERT INTO movies VALUES (3, "Star Wars : Episode IV - A New Hope", 1977);
5 INSERT INTO movies VALUES (4, "Shrek 2", 2004);
6 INSERT INTO movies VALUES (5, "The Lion King", 1994);
7 INSERT INTO movies VALUES (6, "Disney's Up", 2009);
8
9
10 SELECT * FROM movies;
11 SELECT * FROM movies WHERE release_year > 2000 ORDER BY release_year;
```

RESULTS

id	name	release_year
1	Avatar	2009
2	Titanic	1997
3	Star Wars: Episode IV - A New Hope	1977
4	Shrek 2	2004
5	The Lion King	1994
6	Disney's Up	2009

id	name	release_year
4	Shrek 2	2004
Congratulations! You earned 1500 points!		
		2009
		2009

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Challenge: Box office hits database

Select them all

Hint What's this?

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This database contains an incomplete list of box office hits and their release year. In this challenge, you're going to get the results back out of the database in different ways! In this first step, just select all the movies.

SELECT ...;

```
1 CREATE TABLE movies (id INTEGER PRIMARY KEY, name TEXT, release_year INTEGER);
2 INSERT INTO movies VALUES (1, "Avatar", 2009);
3 INSERT INTO movies VALUES (2, "Titanic", 1997);
4 INSERT INTO movies VALUES (3, "Star Wars : Episode IV - A New Hope", 1977);
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6 INSERT INTO movies VALUES (5, "The Lion King", 1994);
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8
9
10 SELECT * FROM movies;
11 SELECT * FROM movies WHERE release_year > 2000 ORDER BY release_year;
```

DATABASE SCHEMA

movies	6 rows
id (PK)	INTEGER
name	TEXT
release_year	INTEGER

RESULTS

id	name	release_year
1	Avatar	2009
2	Titanic	1997
Congratulations! You earned 1500 points!		
		2009
		2009