**Sakila**

You will need to use the sakila database to solve these problems.

The steps to import databases are at the end of the [databases Windows installation module](https://qa-community.co.uk/~/_/learning/databases/databases--introduction).

**Tasks**

1. List all actors.

SELECT \* FROM actor;

1. Find the surname of the actor with the forename 'John'.

SELECT first\_name,

last\_name

FROM actor

WHERE first\_name="John"; Answer = John Suvari

1. Find all actors with surname 'Neeson'.

SELECT first\_name,

last\_name

FROM actor

WHERE last\_name="Neeson"; Answer = Christian and Jayne Neeson

1. Find all actors with ID numbers divisible by 10.

SELECT \* FROM actor

WHERE (actor\_id % 10)=0; Answer =

|  |  |  |  |
| --- | --- | --- | --- |
| 10 | CHRISTIAN | GABLE | 2006-02-15 04:34:33 |
| 20 | LUCILLE | TRACY | 2006-02-15 04:34:33 |
| 30 | SANDRA | PECK | 2006-02-15 04:34:33 |
| 40 | JOHNNY | CAGE | 2006-02-15 04:34:33 |
| 50 | NATALIE | HOPKINS | 2006-02-15 04:34:33 |
| 60 | HENRY | BERRY | 2006-02-15 04:34:33 |
| 70 | MICHELLE | MCCONAUGHEY | 2006-02-15 04:34:33 |
| 80 | RALPH | CRUZ | 2006-02-15 04:34:33 |
| 90 | SEAN | GUINESS | 2006-02-15 04:34:33 |
| 100 | SPENCER | DEPP | 2006-02-15 04:34:33 |
| 110 | SUSAN | DAVIS | 2006-02-15 04:34:33 |
| 120 | PENELOPE | MONROE | 2006-02-15 04:34:33 |
| 130 | GRETA | KEITEL | 2006-02-15 04:34:33 |
| 140 | WHOOPI | HURT | 2006-02-15 04:34:33 |
| 150 | JAYNE | NOLTE | 2006-02-15 04:34:33 |
| 160 | CHRIS | DEPP | 2006-02-15 04:34:33 |
| 170 | MENA | HOPPER | 2006-02-15 04:34:33 |
| 180 | JEFF | SILVERSTONE | 2006-02-15 04:34:33 |
| 190 | AUDREY | BAILEY | 2006-02-15 04:34:33 |
| 200 | THORA | TEMPLE | 2006-02-15 04:34:33 |

1. What is the description of the movie with an ID of 100?

SELECT title,

description,

film\_id FROM film

WHERE film\_id=100;

Answer=

|  |  |  |
| --- | --- | --- |
| BROOKLYN DESERT | A Beautiful Drama of a Dentist And a Composer who must Battle a Sumo Wrestler in The First Manned Space Station | 100 |

1. Find every R-rated movie.

SELECT rating,

title FROM film

WHERE rating="R";

1. Find every non-R-rated movie.

SELECT rating,

title FROM film

WHERE rating != "R";

1. Find the ten shortest movies.

SELECT title,

length FROM film

ORDER BY length ASC

limit 10;

1. Find the movies with the longest runtime, without using LIMIT.

SELECT title,

length FROM film

ORDER BY length DESC;

1. Find all movies that have deleted scenes.

SELECT title,

special\_features FROM film

WHERE special\_features LIKE "%Deleted Scenes%";

1. Using HAVING, reverse-alphabetically list the last names that are not repeated.
2. Using HAVING, list the last names that appear more than once, from highest to lowest frequency.
3. Which actor has appeared in the most films?
4. When is 'Academy Dinosaur' due?
5. What is the average runtime of all films?
6. List the average runtime for every film category.
7. List all movies featuring a robot.
8. How many movies were released in 2010?
9. Find the titles of all the horror movies.
10. List the full name of the staff member with the ID of 2.
11. List all the movies that Fred Costner has appeared in.
12. How many distinct countries are there?
13. List the name of every language in reverse-alphabetical order.
14. List the full names of every actor whose surname ends with '-son' in alphabetical order by their forename.
15. Which category contains the most films?