Filtering results

Ans == > Films released after the year 2000

Simple filtering of numeric values

1. Get all details for all films released in 2016.

SELECT *

FROM films

WHERE release_year = 2016;

2. Get the number of films released before 2000.

SELECT COUNT(*)

FROM films

WHERE release_year < 2000;

3. Get the title and release year of films released after 2000.

SELECT title, release_year

FROM films

WHERE release_year > 2000;

Simple filtering of text

1. Get all details for all French language films.

SELECT * FROM

films

WHERE language='French';

2. Get the name and birth date of the person born on November 11th, 1974. Remember to use ISO date format ('1974-11-11')!

SELECT name, birthdate

FROM people

WHERE birthdate='1974-11-11';

3. Get the number of Hindi language films.

```
SELECT COUNT(*)

FROM films

WHERE language='Hindi';
```

4. Get all details for all films with an R certification.

```
SELECT *

FROM films

WHERE certification='R';
```

WHERE AND

1. Get the title and release year for all Spanish language films released before 2000.

```
SELECT title, release_year

FROM films

WHERE language='Spanish'

AND release_year < 2000 ;
```

2. Get all details for Spanish language films released after 2000.

```
SELECT *

FROM films

WHERE language='Spanish'

AND release_year > 2000 ;
```

3. Get all details for Spanish language films released after 2000, but before 2010.

```
SELECT *

FROM films

WHERE language='Spanish'

AND release_year > 2000

AND release_year < 2010;
```

WHERE AND OR

Ans == > Display only rows that meet at least **one** of the specified conditions.

WHERE AND OR (2)

- Get the title and release year for films released in the 90s.

SELECT title, release_year

FROM films

WHERE release_year >= 1990

AND release_year < 2000;

BETWEEN

Ans ==> Filter values in a specified range.

BETWEEN (2)

- Get the title and release year of all films released between 1990 and 2000 (inclusive).

SELECT title, release_year

FROM films

WHERE release_year

BETWEEN 1990 AND 2000;

WHERE IN

1. Get the title and release year of all films released in 1990 or 2000 that were longer than two hours. Remember, duration is in minutes!

SELECT title, release_year

FROM films

WHERE release_year IN (1990, 2000)

AND duration > 120;

2. Get the title and language of all films which were in English, Spanish, or French.

SELECT title, language

FROM films

WHERE language IN ('English', 'Spanish','French');

3. Get the title and certification of all films with an NC-17 or R certification.

SELECT title, certification

FROM films

WHERE certification IN ('NC-17', 'R');

Introduction to NULL and IS NULL

Ans == > A missing value.

NULL and IS NULL

1. Get the names of people who are still alive, i.e. whose death date is missing.

SELECT name

FROM people

WHERE deathdate IS NULL;

2. Get the title of every film which doesn't have a budget associated with it.

SELECT title

FROM films

WHERE budget IS NULL;

3. Get the number of films which don't have a language associated with them.

SELECT COUNT(*)

FROM films

WHERE language IS NULL;

LIKE and NOT LIKE

1. Get the names of all people whose names begin with 'B'. The pattern you need is `'B%'`.

select name

from people

where name like 'B%';

2. Get the names of people whose names have 'r' as the second letter. The pattern you need is `'_r%'`.

select name

from people

where name like '_r%';

3. Get the names of people whose names don't start with A. The pattern you need is 'A%'.

select name

from people

where name not like 'A%';