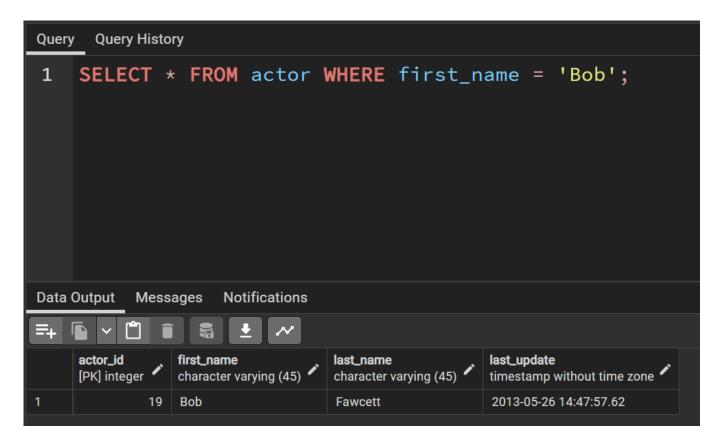
## **NOTES 4 SELECT WHERE**

The WHERE syntax allows us to do comparisons: Where are column values greater than or less than 10, etc.

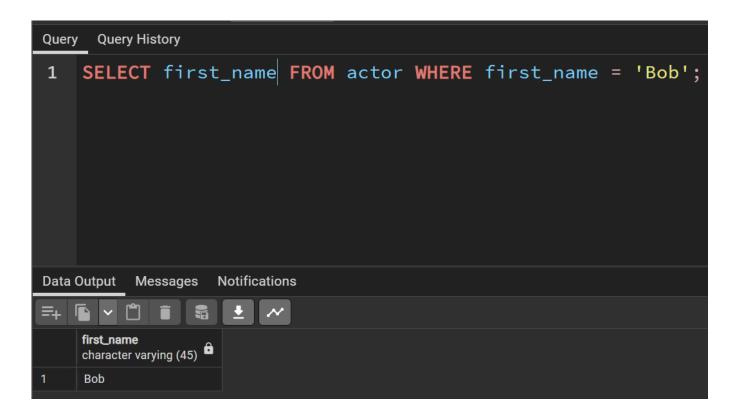
All of the standard operators are used:

= for equal to
\>= for greater or equal to
!= not equal to

and so on

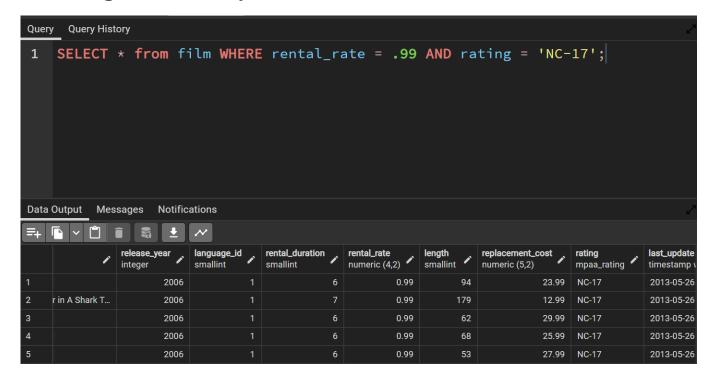


Only selecting the column which contains the item you're looking for would probably not be very useful since probably you want the corresponding info in *other* columns, i.e. last name, actor id, etc. **So, probably don't do this**:



**Also note**: The name of the item you're looking for (shown in yellow) goes in single quotes. The column name and item name are both case-sensitive.

## Working with multiple conditions:



I guess that the .99 doesn't have to be in \ ' ' since it's a number not a string.

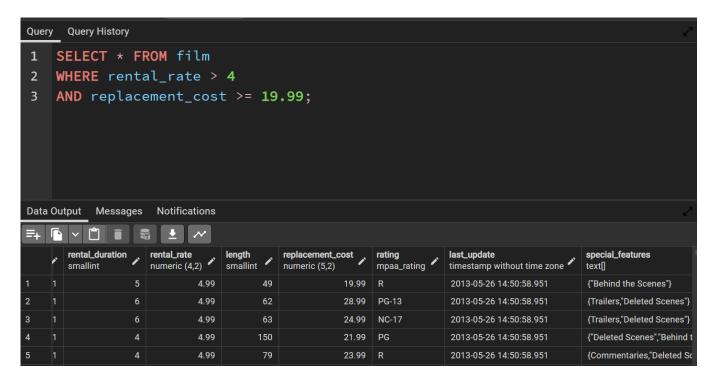
## Some more examples:

"Let's say a customer walks in asking for someone named Jared"



Breaking this into two lines is a good idea for the sake of clarity.

Finding examples of films which are both over \$4 to rent and have a replacment cost greater than or equal to \$19.99:



Not every column may be needed. Let's say we only want the title of these movies:

```
Query History
Query
     SELECT title FROM film
1
     WHERE rental_rate > 4
 2
3
     AND replacement_cost >= 19.99;
Data Output Messages
                        Notifications
     title
     character varying (255)
     Grosse Wonderful
1
2
     Airplane Sierra
     Aladdin Calendar
3
4
     Ali Forever
     Amelie Hellfighters
5
     Dying Maker
                      Query complete 00:00:00.239
Total rows: 173 of 173
```

What if we want to know *how many* movies are \$4 to rent, \$19.99 to replace and have an 'R' rating?:

```
Query Query History
    SELECT Count(title) FROM film
1
    WHERE rental_rate > 4
3
    AND replacement_cost >= 19.99
   AND rating = 'R';
4
Data Output Messages Notifications
    count
          â
    bigint
         34
1
```

Although actually, this can be found without using COUNT:

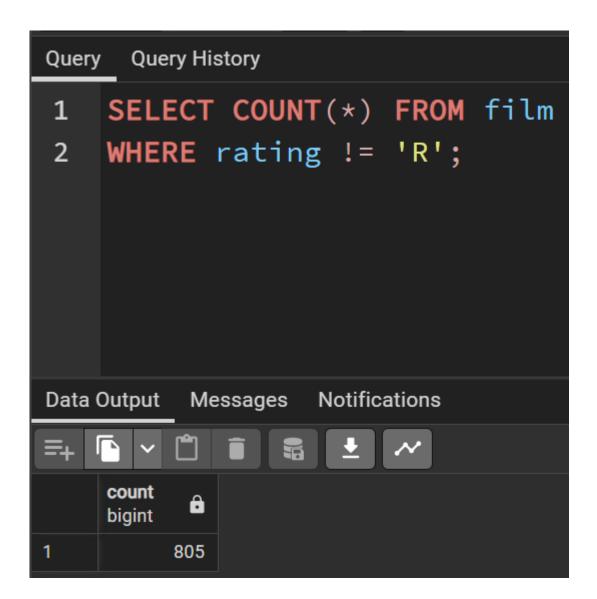
```
Query
       Query History
     SELECT title FROM film
1
2
     WHERE rental_rate > 4
     AND replacement_cost >= 19.99
3
     AND rating = 'R';
4
Data Output Messages
                       Notifications
     title
     character varying (255)
     Grosse Wonderful
1
2
     Amelie Hellfighters
     Beast Hunchback
3
     Brooklyn Desert
4
     Bubble Grosse
5
     Connecticut Tramp
6
                   Query complete 00:00:00.298
Total rows: 34 of 34
```

The count is shown by the number of rows. Again, specifying 'title' as the column is not needed, \* works fine too.

## OR

```
Query History
Query
     SELECT title, rating FROM film
     WHERE rating = 'R' or rating = 'PG-13';
 2
Data Output Messages
                        Notifications
     title
                             rating
                             mpaa_rating
     character varying (255)
      Grosse Wonderful
                              R
     Airport Pollock
2
                              R
      Bright Encounters
3
                              PG-13
4
      Airplane Sierra
                              PG-13
      Alabama Devil
5
                              PG-13
     Date Speed
                              R
Total rows: 418 of 418
                      Query complete 00:00:00.191
```

There are 418 movies which are either PG-13 or R-rated.



805 movies have a rating other than 'R'.