

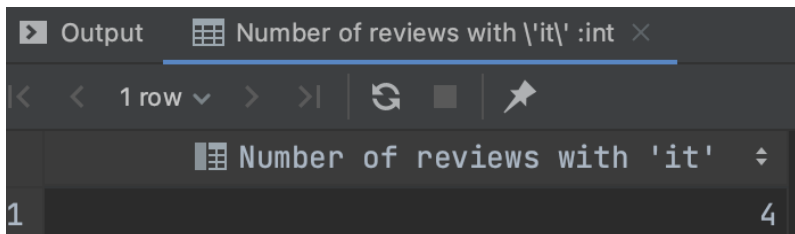
Database coursework lab assessment questions

1. Return the number of reviews which review comments contains string 'it'

SQL statement:

```
SELECT COUNT(comments) AS 'Number of reviews with \'it\' '
FROM reviews
WHERE comments LIKE '%it%';
```

Output:



The screenshot shows a database interface with a tab titled 'Output' and a subtitle 'Number of reviews with \'it\' :int'. Below the subtitle is a table with one row and one column. The row is labeled '1' on the left and '4' on the right.

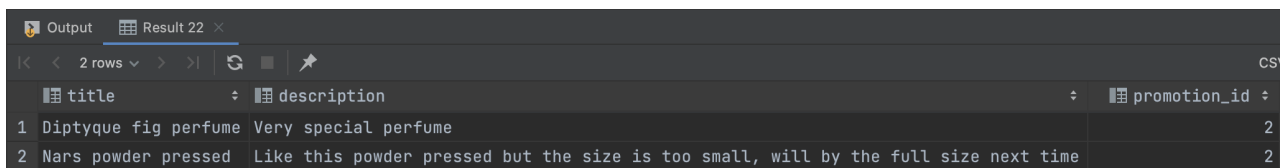
	Number of reviews with 'it'
1	4

2. Return the post title and description for the post which contains the promotion which end_date is on year 2023.

SQL statement:

```
SELECT title, description, promotion_id
FROM posts
JOIN promotion ON promotion_id
WHERE posts.id_promotion = promotion.promotion_id
AND promotion.end_date < '2024-01-01';
```

Output:



The screenshot shows a database interface with a tab titled 'Output' and a subtitle 'Result 22'. Below the subtitle is a table with three columns: 'title', 'description', and 'promotion_id'. There are two rows of data.

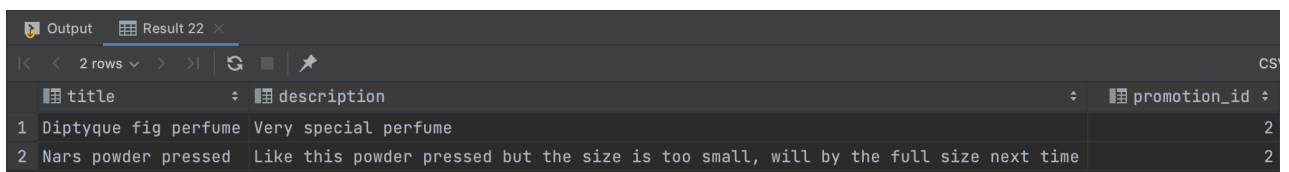
	title	description	promotion_id
1	Diptyque fig perfume	Very special perfume	2
2	Nars powder pressed	Like this powder pressed but the size is too small, will by the full size next time	2

3. Return the review comments and post_id which are written by account name cindy.

SQL statement:

```
SELECT reviews.comments, posts.post_id
FROM posts
JOIN accounts
    ON accounts.account_id = posts.id_account
JOIN reviews
    ON reviews.review_id = posts.id_review
WHERE accounts.name = 'Cindy';
```

Output:



The screenshot shows a database interface with a query result table. The table has three columns: 'title', 'description', and 'promotion_id'. There are two rows of data. The first row shows 'Diptyque fig perfume' with a description 'Very special perfume' and a promotion_id of '2'. The second row shows 'Nars powder pressed' with a description 'Like this powder pressed but the size is too small, will by the full size next time' and a promotion_id of '2'.

	title	description	promotion_id
1	Diptyque fig perfume	Very special perfume	2
2	Nars powder pressed	Like this powder pressed but the size is too small, will by the full size next time	2