Kathmandu University

Department of Computer Science and
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A Report on 'Lab Work 4' [COMP 232]

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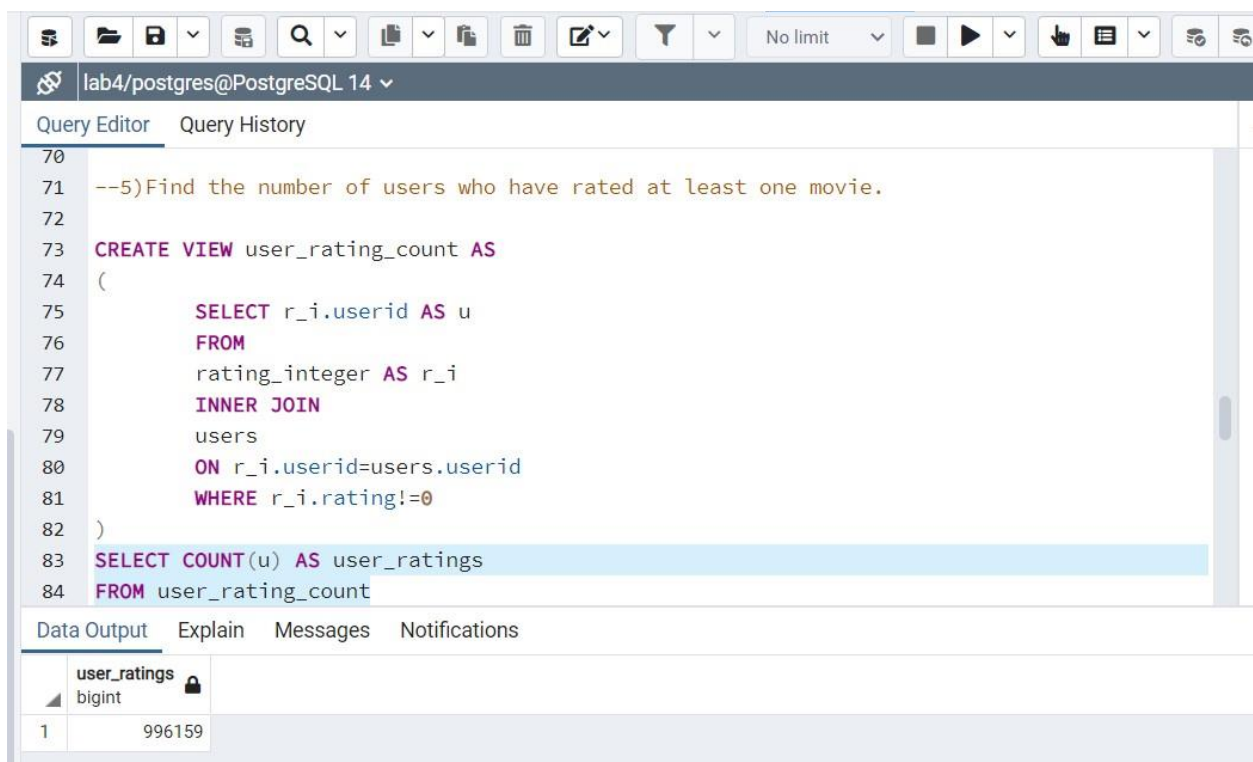**Department of Computer Science and Engineering**

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LAB-4

RESULTS OBTAINED FROM 5-7

5)Find the number of users who have rated at least one movie.

OUTPUT:

6)Find the number of unrated movies.

OUTPUT:

```
80
87    --6)Find the number of unrated movies.
88
89    SELECT COUNT(r_i.rating) AS unrated_movie
90    FROM rating_integer AS r_i
91    WHERE r_i.rating=0
92
```

Data Output

	unrated_movie bigint
1	0

7)Find the top 10 highest rated movies and the actors who played in those movies.

Query and output:

```
100
101   --7)Find top 10 highest rated movies and the actors who played in those movies.
102
103   CREATE VIEW highest_rated_movie AS
104   (
105       SELECT r_i.movieid,
106       COUNT(r_i.rating) AS rating_count
107       FROM
108       rating_integer AS r_i
109       GROUP BY r_i.movieid
110       ORDER BY rating_count DESC LIMIT 10
111   )
112   SELECT * FROM highest_rated_movie
113
```

Data Output

	movieid integer	rating_count bigint
1	1721568	3427
2	2371726	2990
3	2371786	2989
4	2371787	2882
5	2058680	2671
6	2324123	2652
7	2401750	2649
8	2457464	2590
9	1749731	2583
10	2478414	2577

```
107
108    SELECT h_r_movies.movieid,m2a.actorid
109    FROM
110    movies2actors AS m2a
111    INNER JOIN
112    highest_rated_movie AS h_r_movies
113    ON
114    h_r_movies.movieid=m2a.movieid
115
116
117
118
119
120
121
```

Data Output

	movieid integer	actorid integer
1	1721568	42050
2	1721568	69157
3	1721568	86411
4	1721568	129334
5	1721568	282670
6	1721568	317484
7	1721568	384945
8	1721568	482454
9	1721568	540828
10	1721568	827690