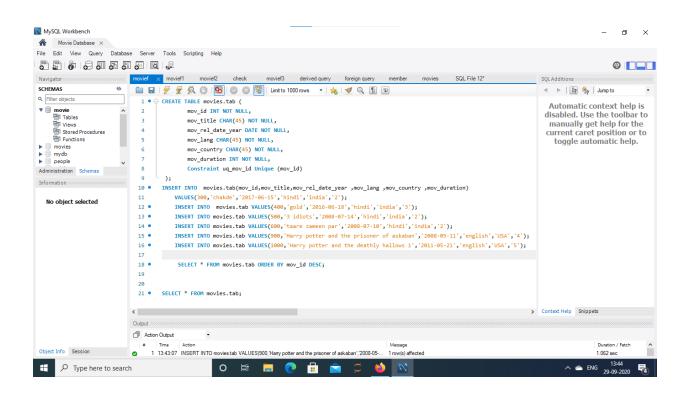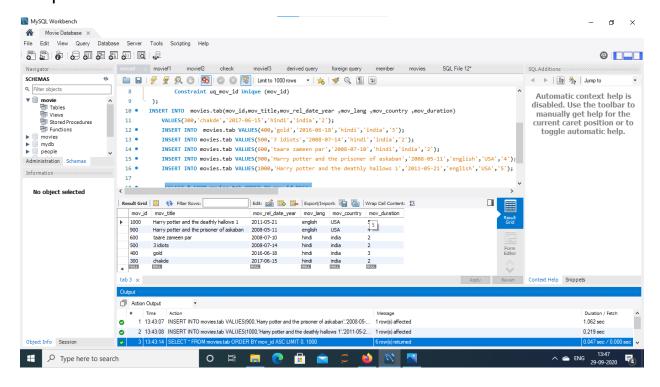# DBMS

ASSIGNMENT-4

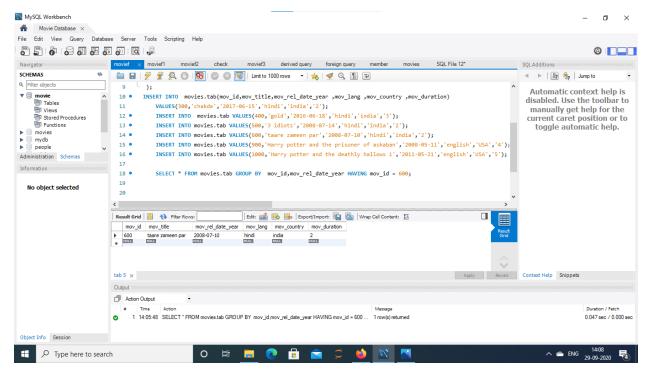## 1.Order by Clause

Output:
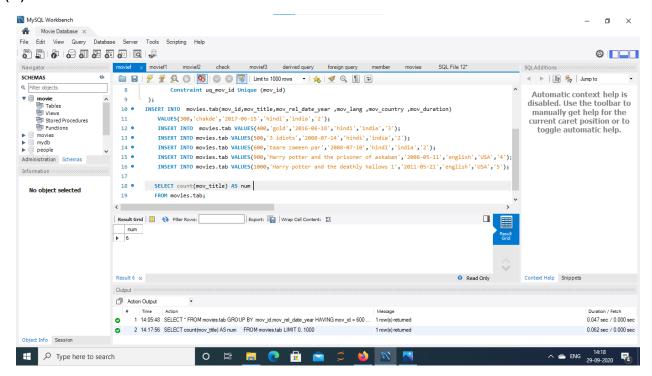

2.Group by and Having.
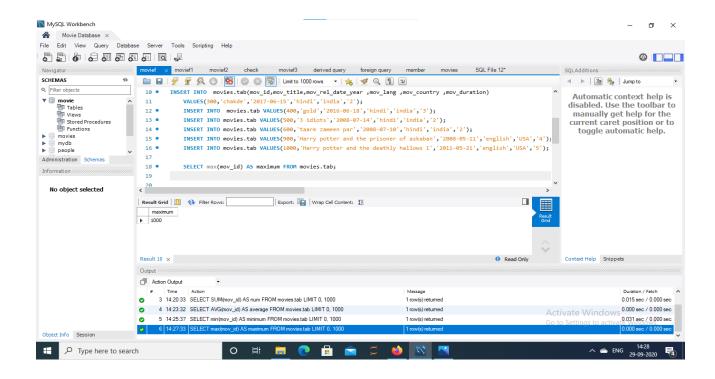
3.Aggregate functions.

All the five aggregate functions are used here which are listed with the queries in pictures as follows:

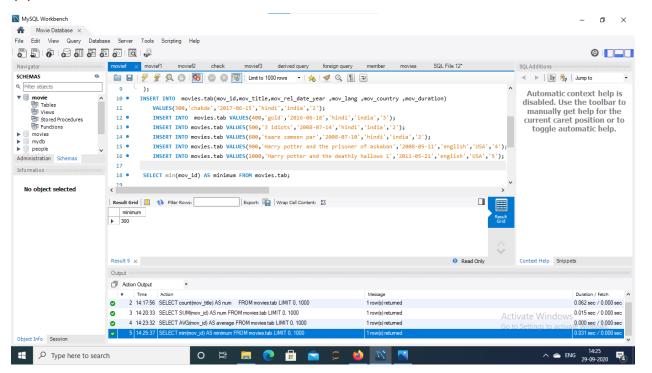## (a) Count

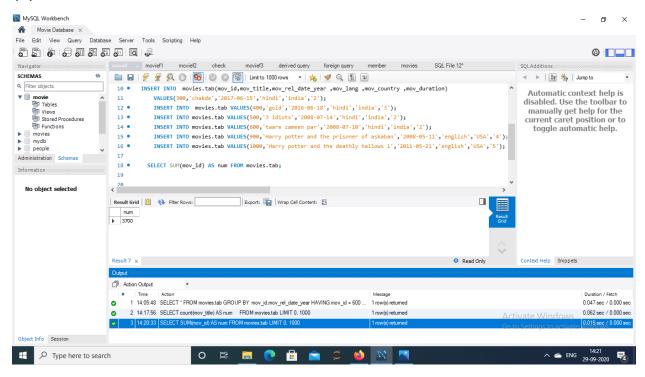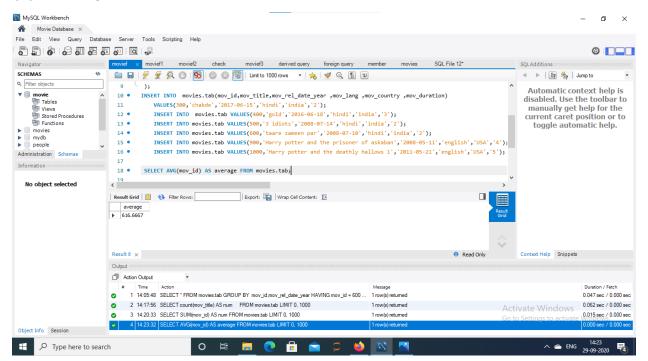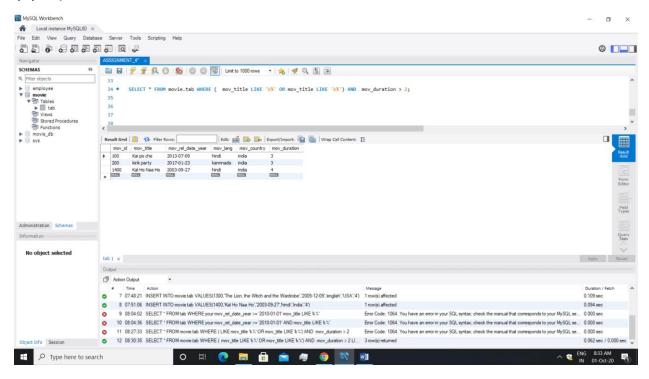## (b) Maximum
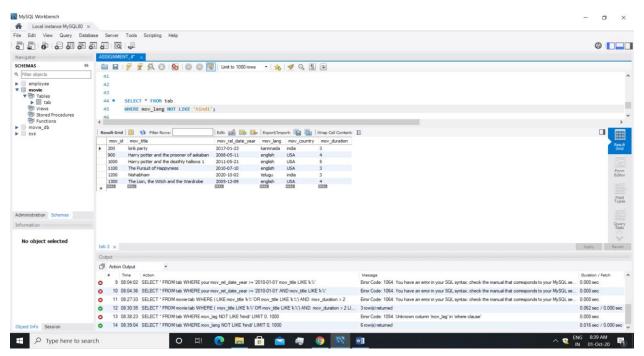

(c) Minimum

(d) Sum

(e) Average

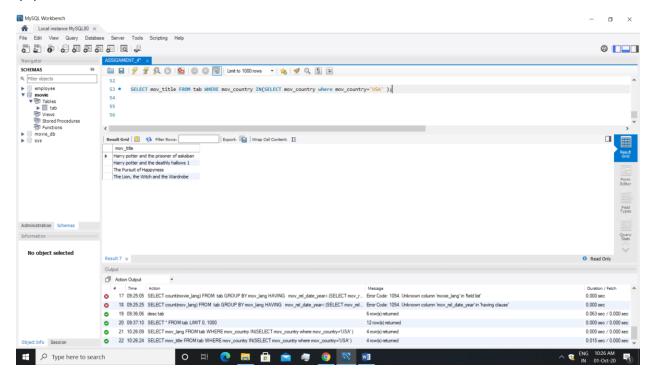# 4. Logical Operators:

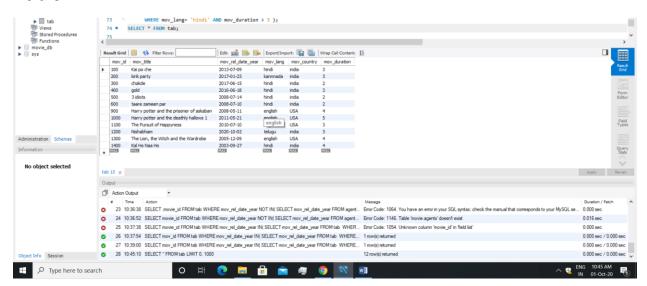## (a) Operators AND and OR used with like:
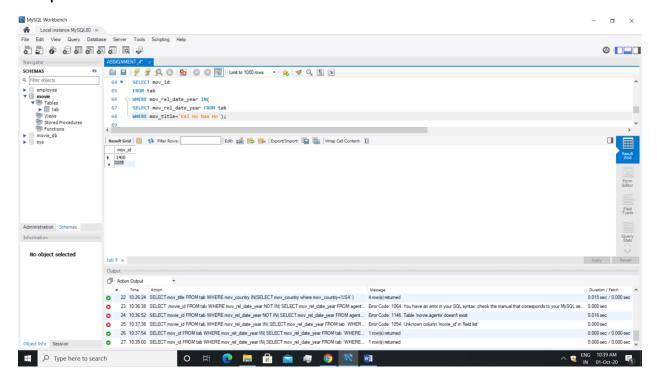

(b) NOT LIKE Used:

5. 4 Nested Queries.

(a)

(b)

Table:

Output:

(c)

(d)


```sql
78  SELECT mov_title
79  FROM tab
80  WHERE mov_rel_date_year = (
81  SELECT MAX(mov_rel_date_year)
82  FROM tab));
83
```

mov_id	mov_title	mov_rel_date_year	mov_lang	mov_country	mov_duration
1200	Nishabham	2020-10-02	telugu	india	3
NULL	NULL	NULL	NULL	NULL	NULL

#	Time	Action	Message	Duration / Fetch
38	10:59:21	SELECT COUNT(mov_title) FROM tab GROUP BY movie_title HAVING mov_rel_date_year IN (SELECT mo...	Error Code: 1054. Unknown column 'movie_title' in 'group statement'	0.000 sec
39	11:01:11	SELECT COUNT(mov_title) FROM tab where mov_duration IN (SELECT mov_duration FROM tab WHE...	1 row(s) returned	0.000 sec / 0.000 sec
40	11:01:56	SELECT * FROM tab LIMIT 0, 1000	12 row(s) returned	0.000 sec / 0.000 sec
41	11:02:52	SELECT COUNT(mov_title) FROM tab where mov_duration IN (SELECT mov_duration FROM tab WHE...	1 row(s) returned	0.016 sec / 0.000 sec
42	11:09:49	SELECT COUNT(mov_title) FROM tab GROUP BY mov_lang HAVING mov_rel_date_year IN(SELECT mov_r...	Error Code: 1054. Unknown column 'mov_rel_date_year' in 'IN/ALL/ANY subquery'	0.015 sec
43	11:18:21	SELECT * FROM tab WHERE mov_title = (SELECT mov_title FROM tab WHERE mov_rel_date_year = (SEL...	1 row(s) returned	0.000 sec / 0.000 sec