

DBMS LAB

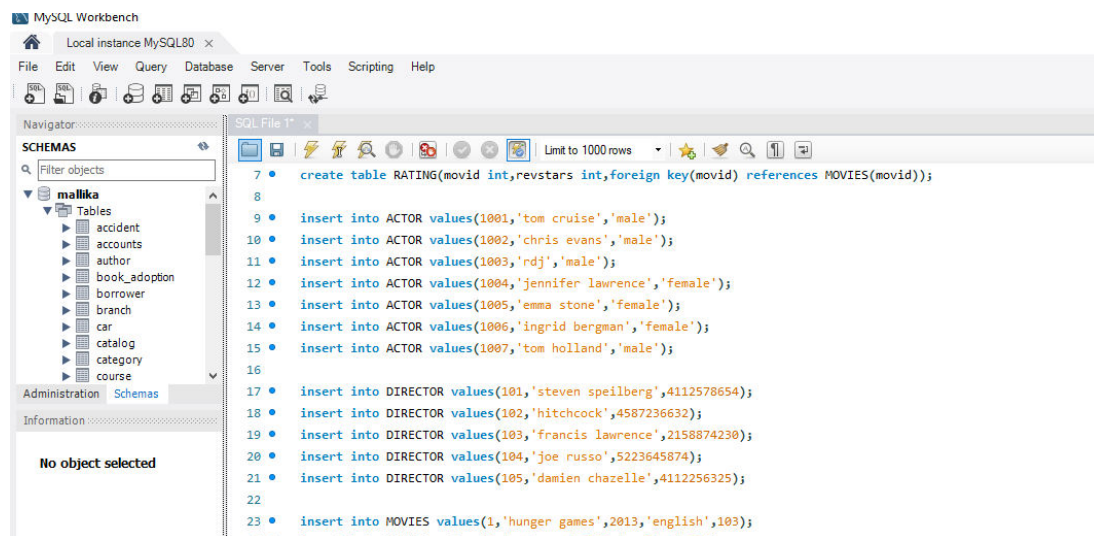
Mallika Prasad

1BM19CS081

LAB PROG 6

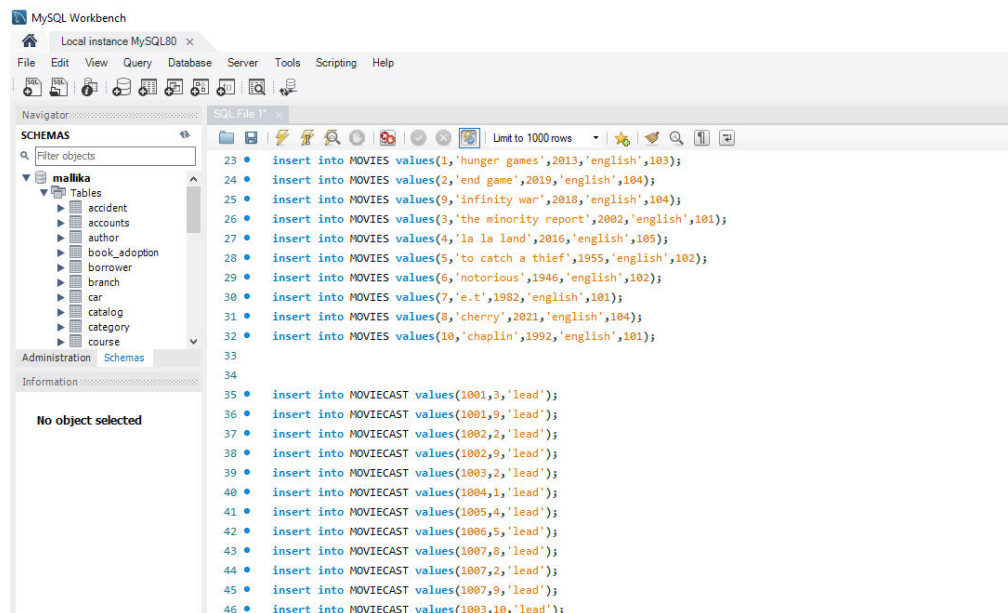
OUTPUT

Value insertion



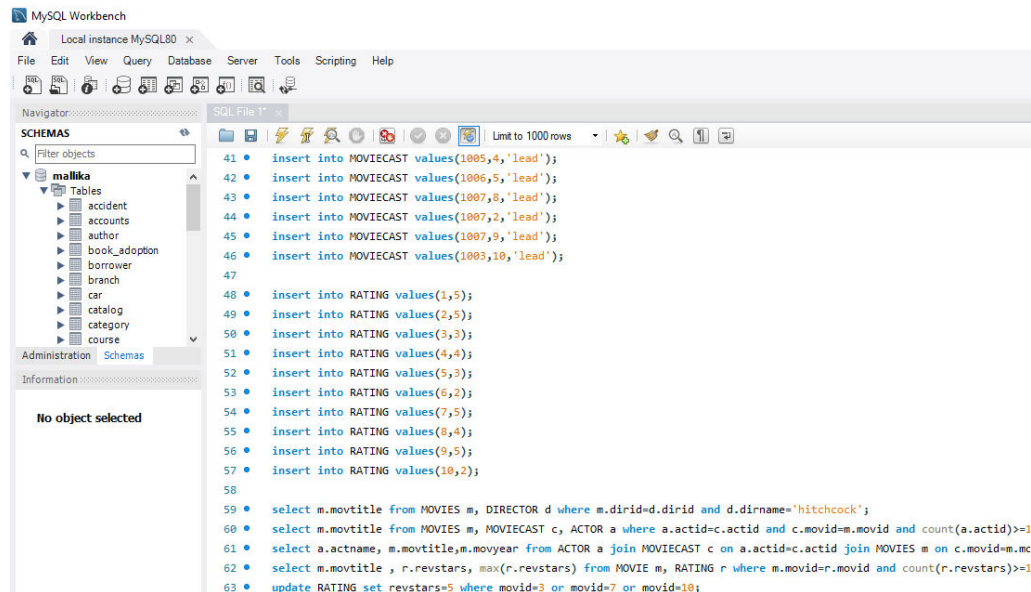
The screenshot shows the MySQL Workbench interface. The left sidebar displays the 'SCHEMAS' tree with a filter for 'mallika'. The main editor window shows the following SQL queries:

```
7 • create table RATING(movid int,revstars int,foreign key(movid) references MOVIES(movid));
8
9 • insert into ACTOR values(1001,'tom cruise','male');
10 • insert into ACTOR values(1002,'chris evans','male');
11 • insert into ACTOR values(1003,'rdj','male');
12 • insert into ACTOR values(1004,'jennifer lawrence','female');
13 • insert into ACTOR values(1005,'emma stone','female');
14 • insert into ACTOR values(1006,'ingrid bergman','female');
15 • insert into ACTOR values(1007,'tom holland','male');
16
17 • insert into DIRECTOR values(101,'steven spielberg',4112578654);
18 • insert into DIRECTOR values(102,'hitchcock',4587236632);
19 • insert into DIRECTOR values(103,'francis lawrence',2158874230);
20 • insert into DIRECTOR values(104,'joe russo',5223645874);
21 • insert into DIRECTOR values(105,'damien chazelle',4112256325);
22
23 • insert into MOVIES values(1,'hunger games',2013,'english',103);
```

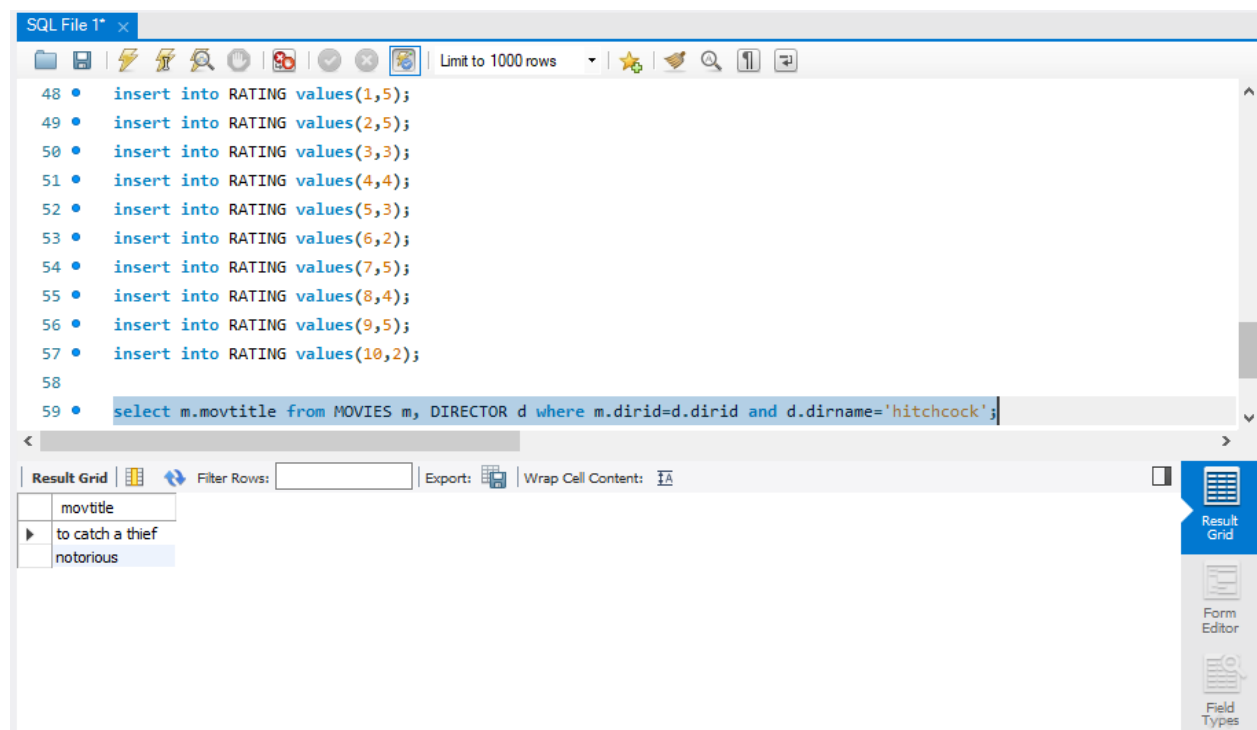


The screenshot shows the MySQL Workbench interface. The left sidebar displays the 'SCHEMAS' tree with a filter for 'mallika'. The main editor window shows the following SQL queries:

```
23 • insert into MOVIES values(1,'hunger games',2013,'english',103);
24 • insert into MOVIES values(2,'end game',2019,'english',104);
25 • insert into MOVIES values(9,'infinity war',2018,'english',104);
26 • insert into MOVIES values(3,'the minority report',2002,'english',101);
27 • insert into MOVIES values(4,'la la land',2016,'english',105);
28 • insert into MOVIES values(5,'to catch a thief',1955,'english',102);
29 • insert into MOVIES values(6,'notorious',1946,'english',102);
30 • insert into MOVIES values(7,'e.t.',1982,'english',101);
31 • insert into MOVIES values(8,'cherry',2021,'english',104);
32 • insert into MOVIES values(10,'chaplin',1992,'english',101);
33
34
35 • insert into MOVIECAST values(1001,3,'lead');
36 • insert into MOVIECAST values(1001,9,'lead');
37 • insert into MOVIECAST values(1002,2,'lead');
38 • insert into MOVIECAST values(1002,9,'lead');
39 • insert into MOVIECAST values(1003,2,'lead');
40 • insert into MOVIECAST values(1004,1,'lead');
41 • insert into MOVIECAST values(1005,4,'lead');
42 • insert into MOVIECAST values(1006,5,'lead');
43 • insert into MOVIECAST values(1007,8,'lead');
44 • insert into MOVIECAST values(1007,2,'lead');
45 • insert into MOVIECAST values(1007,9,'lead');
46 • insert into MOVIECAST values(1003,10,'lead');
```



select m.movtitle from MOVIES m, DIRECTOR d where m.dirid=d.dirid and d.dirname='hitchcock';



select m.movtitle from MOVIES m, MOVIECAST c where m.movid=c.movid and actid in (select actid from MOVIECAST group by actid having count(actid)>1) group by movtitle having count(movtitle)>1;

The screenshot shows a SQL editor window titled "SQL File 1*" with a toolbar at the top. The SQL code is as follows:

```

56 • insert into RATING values(9,5);
57 • insert into RATING values(10,2);
58
59 • select m.movtitle from MOVIES m, DIRECTOR d where m.dirid=d.dirid and d.dirname='hitchcock';
60 • select m.movtitle from MOVIES m, MOVIECAST c where m.movid=c.movid and actid in (select actid from MOVIECAST group by
61 • select a.actname, m.movtitle, m.movyear from ACTOR a join MOVIECAST c on a.actid=c.actid join MOVIES m on c.movid=m.movid
62 • select m.movtitle, r.revstars, max(r.revstars) from MOVIE m, RATING r where m.movid=r.movid and count(r.revstars)>=1
63 • update RATING set revstars=5 where movid=3 or movid=7 or movid=10;
64
65

```

Below the code, the "Result Grid" is displayed with the following data:

movtitle
infinity war
end game

On the right side of the window, there are buttons for "Result Grid", "Form Editor", and "Field Types".

select a.actname, m.movtitle, m.movyear from ACTOR a join MOVIECAST c on a.actid=c.actid join MOVIES m on c.movid=m.movid where m.movyear and m.movyear not between 2000 and 2015;

The screenshot shows the same SQL editor window with the same code as above. The "Result Grid" now displays the following data:

actname	movtitle	movyear
tom cruise	infinity war	2018
chris evans	end game	2019
chris evans	infinity war	2018
rdj	end game	2019
rdj	chaplin	1992
emma stone	la la land	2016
ingrid bergman	to catch a thief	1955
tom holland	cherry	2021
tom holland	end game	2019
tom holland	infinity war	2018

The right side of the window shows the same buttons as the previous screenshot.

select movtitle, max(revstars) from MOVIES inner join RATING using (movid) group by movtitle having max(revstars)>0 order by movtitle;

The screenshot shows a SQL IDE window titled "SQL File 1*" with a toolbar and a "Limit to 1000 rows" dropdown. The SQL editor contains the following queries:

```
54 • insert into RATING values(7,5);
55 • insert into RATING values(8,4);
56 • insert into RATING values(9,5);
57 • insert into RATING values(10,2);
58
59 • select m.movtitle from MOVIES m, DIRECTOR d where m.dirid=d.dirid and d.dirname='hitchcock';
60 • select m.movtitle from MOVIES m, MOVIECAST c where m.movid=c.movid and actid in (select actid from MOVIECAST group by
61 • select a.actname, m.movtitle,m.movyear from ACTOR a join MOVIECAST c on a.actid=c.actid join MOVIES m on c.movid=m.movid
62 • select m.movtitle , r.revstars, max(r.revstars) from MOVIES m, RATING r where m.movid=r.movid and count(r.revstars)>=
63 • select movtitle, max(revstars) from MOVIES inner join RATING using (movid) group by movtitle having max(revstars)>0 c
64 • update RATING set revstars=5 where movid=3 or movid=7 or movid=10;
```

The "Result Grid" shows the output of the query in line 63:

movtitle	max(revstars)
chaplin	2
cherry	4
e.t	5
end game	5
hunger games	5
infinity war	5
la la land	4
notorious	2
the minority report	3
to catch a thief	3

update RATING set revstars=5 where movid=3 or movid=7 or movid=10;

select * from RATING;

The screenshot shows the same SQL IDE window with the following queries:

```
62 • select m.movtitle , r.revstars, max(r.revstars) from MOVIES m, RATING r where m.movid=r.movid and count(r.revstars)>=
63 • select movtitle, max(revstars) from MOVIES inner join RATING using (movid) group by movtitle having max(revstars)>0 c
64 • update RATING set revstars=5 where movid=3 or movid=7 or movid=10;
65 • select * from RATING;
66
```

The "Result Grid" shows the output of the query in line 65:

movid	revstars
1	5
2	5
3	5
4	4
5	3
6	2
7	5
8	4
9	5
10	5

Below the grid, the text "RATING 6" is visible.