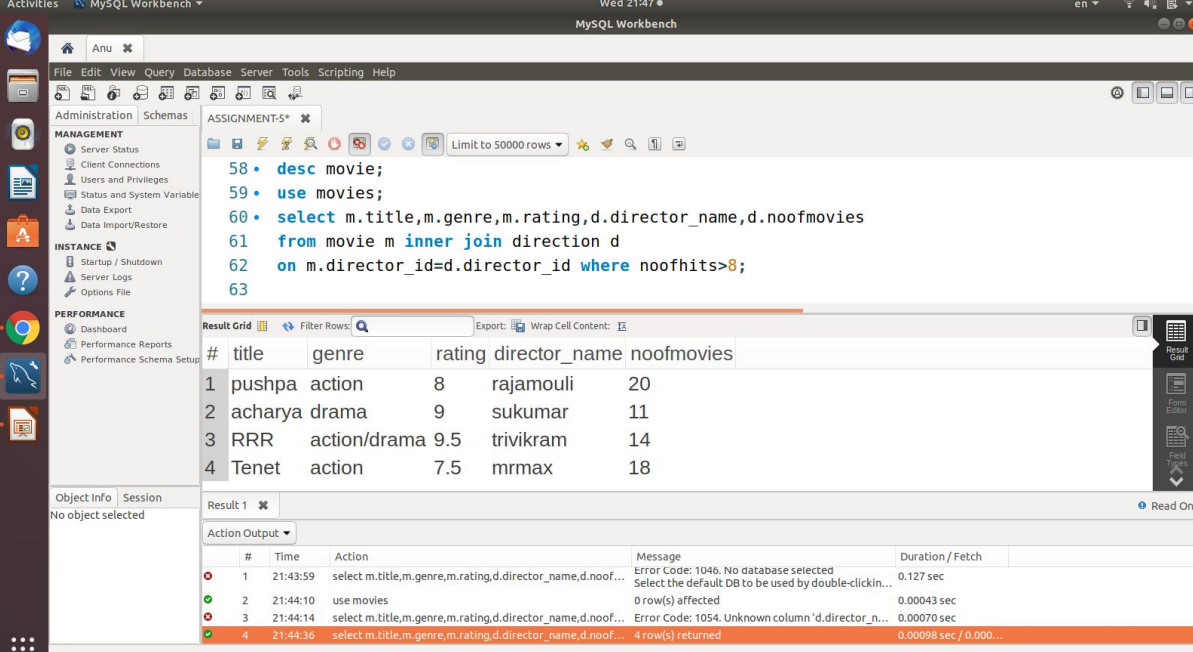


1. INNER JOIN

QUERY 1:select m.title,m.genre,m.rating,d.director_name,d.noofmovies

from movie m inner join direction d

on m.director_id=d.director_id where noofhits>8;



The screenshot shows the MySQL Workbench interface. The query editor contains the following SQL code:

```
58 • desc movie;
59 • use movies;
60 • select m.title,m.genre,m.rating,d.director_name,d.noofmovies
61 • from movie m inner join direction d
62 • on m.director_id=d.director_id where noofhits>8;
63
```

The Results window displays the following data:

#	title	genre	rating	director_name	noofmovies
1	pushpa	action	8	rajamouli	20
2	acharya	drama	9	sukumar	11
3	RRR	action/drama	9.5	trivikram	14
4	Tenet	action	7.5	mrmax	18

The Action Output window shows the execution of the query, indicating that 4 rows were returned.

QUERY 2 :select m.title,p.producer_name,m.genre,m.rating

from movie m inner join production p

on m.producer_id = p.producer_id where

p.budget =(select max(budget) from production);

MySQL Workbench

```

63 • select * from production;
64 • select m.title,p.producer_name,m.genre,m.rating
65 from movie m inner join production p
66 on m.producer_id = p.producer_id where
67 p.budget =(select max(budget) from production );
68

```

#	title	producer_name	genre	rating
1	Trance	lokesh	methodological	8

Object Info | Session
No object selected

Query Completed

QUERY 3:select title,actor_name,director_name,producer_name
from (((movie inner join actors on movie.actor_id=actors.actor_id
and actors.actor_name like 'a%')inner join direction on
movie.director_id= direction.director_id)inner join production on
movie.producer_id= production.producer_id);

MySQL Workbench

```

69 • select title,actor_name,director_name,producer_name
70 from (((movie inner join actors on movie.actor_id=actors.actor_id and actors.actor_name like
71 inner join direction on movie.director_id= direction.director_id )
72 inner join production on movie.producer_id= production.producer_id);
73
74

```

#	title	actor_name	director_name	producer_name
1	acharya	anushka	sukumar	laxminarayana
2	Tenet	alluarjun	mrmax	aditya

Object Info | Session
No object selected

Query Completed

2. LEFT OUTER JOIN

QUERY 1 :select actor_name,typeofrole,title,genre from actors left join movie on actors.actor_id = movie.actor_id order by actor_name;

The screenshot shows the MySQL Workbench interface with the following query executed:

```
79 • select actor_name,typeofrole,title,genre
    from actors left ioin movie
```

The results are displayed in a table with 8 rows:

#	actor_name	typeofrole	title	genre
1	alluarjun	hero	Tenet	action
2	anushka	heroine	acharya	drama
3	bharat	comedian		
4	brahmanandhan	comedian	master	romance
5	mahesbabu	hero	Trance	methodological
6	prabhas	hero	pushpa	action
7	raviteja	villain	RRR	action/drama
8	tamanna	heroine		

The bottom panel shows the Action Output log with the following entries:

#	Time	Action	Message	Duration / Fetch
11	17:56:50	Insert into actors values(1008,'bharat','comedian','jillebi')	1 row(s) affected	0.067 sec
12	18:01:40	select actor_name,title,genre from actors le...	8 row(s) returned	0.0012 sec / 0.0000...
13	18:02:10	select actor_name,typeofrole,title,genre from actors le...	8 row(s) returned	0.0011 sec / 0.0000...
14	18:02:28	select actor_name,typeofrole,title,genre from actors le...	8 row(s) returned	0.00100 sec / 0.000...

QUERY 2:select title,producer_name,director_name from movie left join production on movie.producer_id = production.producer_id and budget> 180000 left join direction on movie.director_id=direction.director_id and noofmovies > 10;

The screenshot shows the MySQL Workbench interface with the following query executed:

```
82 • select title,producer_name,director_name
83 from movie left join production on
84 movie.producer_id = production.producer_id and budget> 180000
85 left join direction on
```

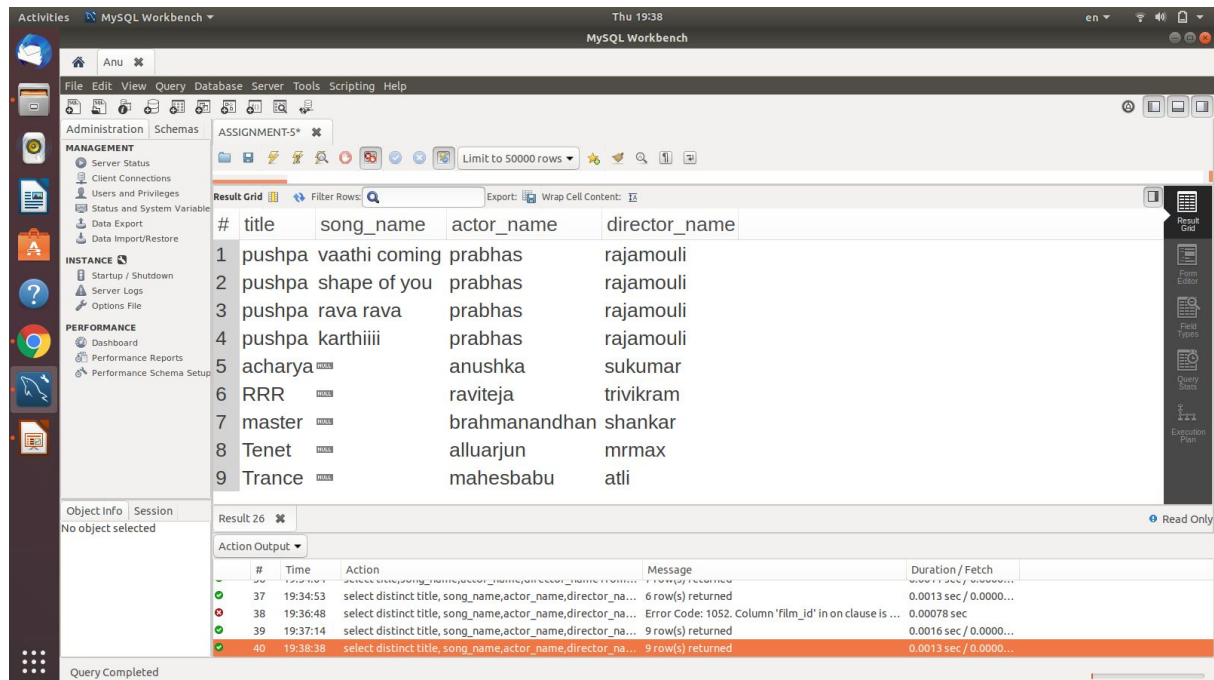
The results are displayed in a table with 6 rows:

#	title	producer_name	director_name
1	pushpa		rajamouli
2	acharya		sukumar
3	RRR	vineeth	trivikram
4	master	raghavan	
5	Tenet	aditya	mrmax
6	Trance	lokesh	

The bottom panel shows the Action Output log with the following entries:

#	Time	Action	Message	Duration / Fetch
25	18:55:58	select * from direction LIMIT 0, 50000	6 row(s) returned	0.00073 sec / 0.000...
26	18:56:32	select concat(title,'producer_name','director_name) ...	Error Code: 1146. Table 'movies.producer' doesn't...	0.00073 sec
27	18:57:39	select concat(title,'producer_name','director_name) ...	6 row(s) returned	0.0010 sec / 0.0000...
28	18:58:36	select title,producer_name,director_name from movie L...	6 row(s) returned	0.00098 sec / 0.000...

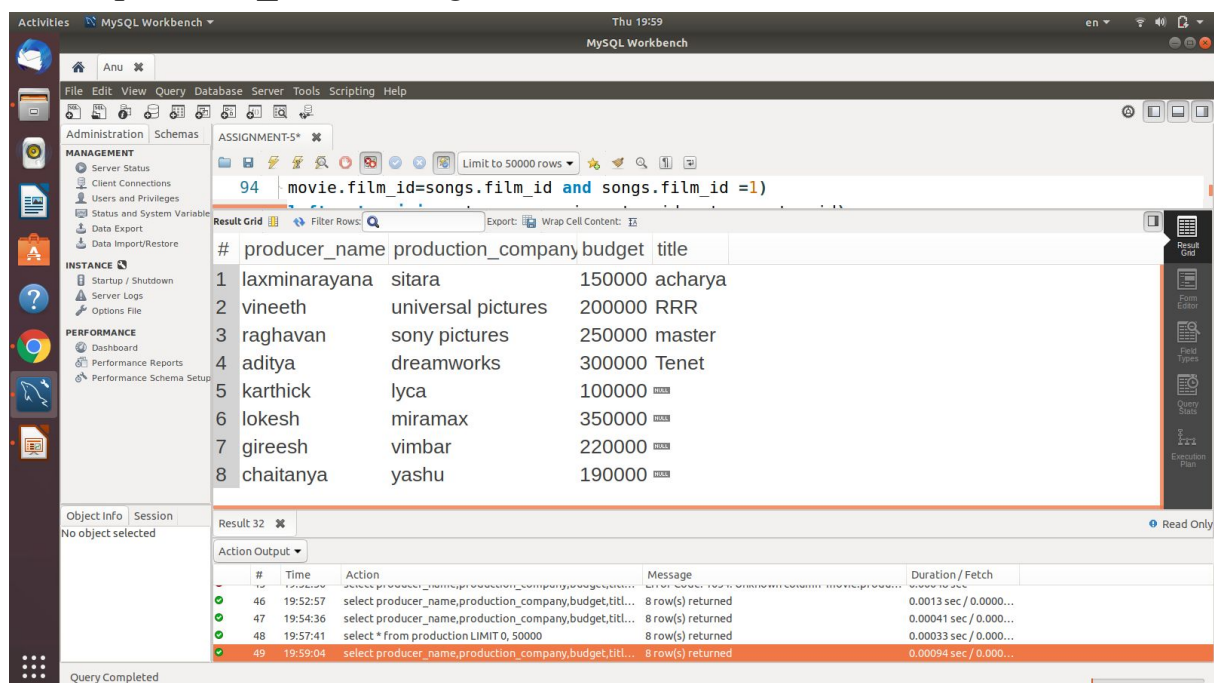
QUERY 3 :select distinct title, song_name,actor_name,director_name
 from(((movie left outer join songs on movie.film_id=songs.film_id and
 songs.film_id =1)left outer join actors on movie.actor_id=actors.actor_id)
 left outer join direction on movie.director_id=direction.director_id);



#	title	song_name	actor_name	director_name
1	pushpa	vaathi coming	prabhas	rajamouli
2	pushpa	shape of you	prabhas	rajamouli
3	pushpa	rava rava	prabhas	rajamouli
4	pushpa	karthiii	prabhas	rajamouli
5	acharya		anushka	sukumar
6	RRR		raviteja	trivikram
7	master		brahmanandhan	shankar
8	Tenet		alluarjun	mrmax
9	Trance		mahesbabu	atli

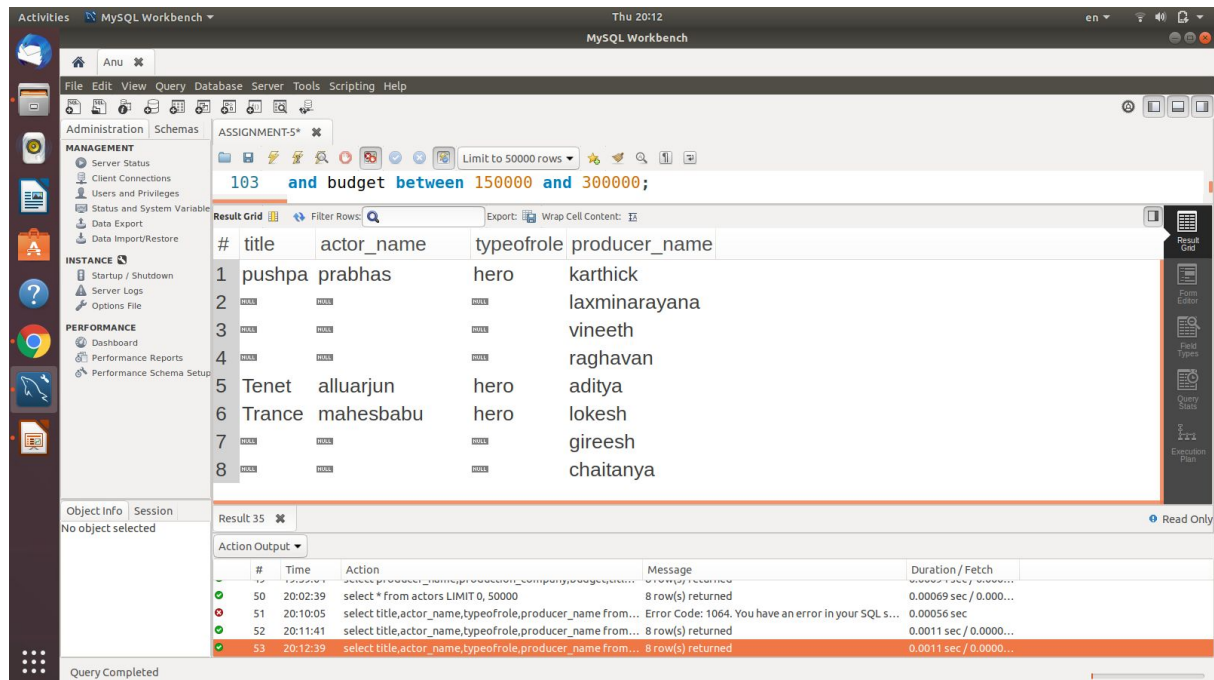
3. RIGHT OUTER JOINS

QUERY 1:select producer_name,production_company,budget,title from
 movie right join production on production.producer_id=
 movie.producer_id and budget between 150000 and 300000;



#	producer_name	production_company	budget	title
1	laxminarayana	sitara	150000	acharya
2	vineeth	universal pictures	200000	RRR
3	raghavan	sony pictures	250000	master
4	aditya	dreamworks	300000	Tenet
5	karthick	lyca	100000	
6	lokesh	miramax	350000	
7	gireesh	vimbar	220000	
8	chaitanya	yashu	190000	

QUERY 2:select title,actor_name,typeofrole,producer_name from
 ((movie right join actors on actors.actor_id = movie.actor_id and
 typeofrole = 'hero')right join production on movie.producer_id =
 production.producer_id);



The screenshot shows the MySQL Workbench interface. The query editor at the top contains the following SQL query:

```
103 and budget between 150000 and 300000;
```

The query has been executed, and the results are displayed in the Result Grid. The grid shows 8 rows of data with the following columns: #, title, actor_name, typeofrole, and producer_name.

#	title	actor_name	typeofrole	producer_name
1	pushpa	prabhas	hero	karthick
2				laxminarayana
3				vineeth
4				raghavan
5	Tenet	alluarjun	hero	aditya
6	Trance	mahesbabu	hero	lokesh
7				gireesh
8				chaitanya

The bottom panel shows the Action Output, which includes the following entries:

#	Time	Action	Message	Duration / Fetch
50	20:02:39	select * from actors LIMIT 0, 50000	8 row(s) returned	0.00069 sec / 0.000...
51	20:10:05	select title,actor_name,typeofrole,producer_name from...	Error Code: 1064. You have an error in your SQL s...	0.00056 sec
52	20:11:41	select title,actor_name,typeofrole,producer_name from...	8 row(s) returned	0.0011 sec / 0.0000...
53	20:12:39	select title,actor_name,typeofrole,producer_name from...	8 row(s) returned	0.0011 sec / 0.0000...

QUERY 3:
 select distinct title,song_name,actor_name , director_name,producer_name
 from((((movie right outer join songs on movie.film_id=songs.film_id
)right outer join actors on movie.actor_id=actors.actor_id)right outer join
 direction on direction.director_id = movie.director_id and genre in
 ('action','drama'))right outer join production on production.producer_id=
 movie.producer_id);

ActivitiesMySQL WorkbenchThu 20:58MySQL Workbench

FileEditViewQueryDatabaseServerToolsScriptingHelp

AdministrationSchemasASSIGNMENT-5*

MANAGEMENT

Server StatusClient ConnectionsUsers and PrivilegesStatus and System VariablesData ExportData Import/Restore

INSTANCE

Startup / ShutdownServer LogsOptions File

PERFORMANCE

DashboardPerformance ReportsPerformance Schema Setup

Object InfoSession

No object selected

Result Grid

Filter Rows:Export:Wrap Cell Content: 13

#	title	song_name	actor_name	director_name	producer_name
1	pushpa	vaathi coming	prabhas	rajamouli	karthick
2	pushpa	shape of you	prabhas	rajamouli	karthick
3	pushpa	rava rava	prabhas	rajamouli	karthick
4	pushpa	karthiiii	prabhas	rajamouli	karthick
5	acharya	hello	anushka	sukumar	laxminarayana
6					vineeth
7					raghavan
8					aditya
9					lokesh
10					gireesh
11					chaitanya

Result 50

Action Output

#	Time	Action	Message	Duration / Fetch
67	20:54:26	select distinct title,song_name,actor_name,director_na...	11 row(s) returned	0.00092 sec / 0.000...
68	20:54:45	select distinct title,song_name,actor_name,director_na...	11 row(s) returned	0.00066 sec / 0.000...
69	20:55:02	select distinct title,song_name,actor_name,director_na...	11 row(s) returned	0.00068 sec / 0.000...
70	20:55:47	select distinct title,song_name,actor_name,director_na...	11 row(s) returned	0.0017 sec / 0.000...

Query Completed