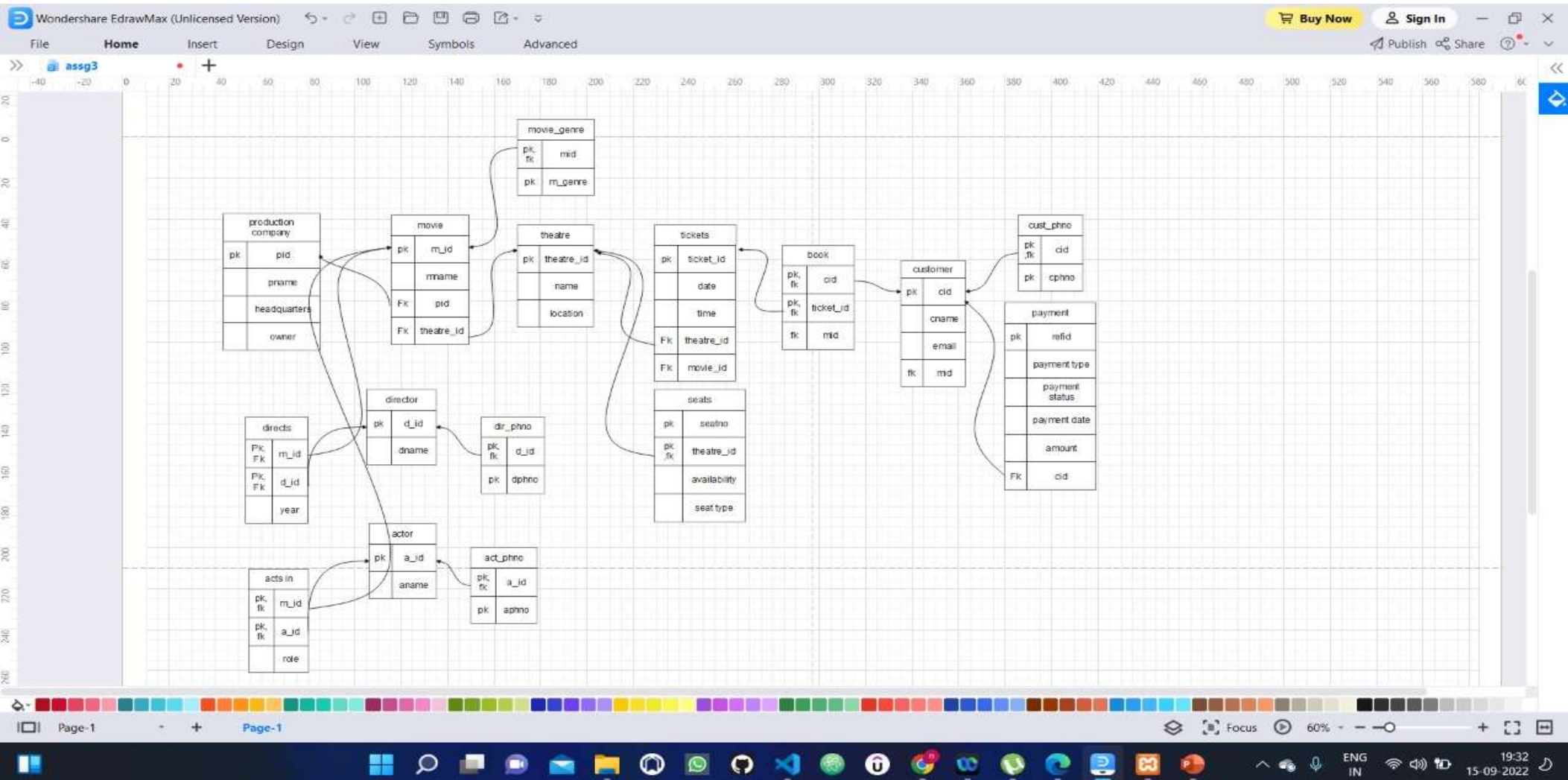


DBMS ASSIGNMENT - 03
NAME – DIVYANG JAIN
ROLL NO. – B200826CS

RELATIONAL DIAGRAM



1. CREATE DATABASE

```
1 CREATE DATABASE assg3_b200826cs;
```

2. USE COMMAND

Run SQL query/queries on database assg3_b200826cs: 

```
1 USE assg3_b200826cs;
```

3. CREATE TABLE:-

a) PRODUCTION COMPANY

Run SQL query/queries on database assg3_b200826cs: 

```
1 CREATE TABLE production_company(  
2     p_id CHAR(5) NOT NULL UNIQUE,  
3     p_name VARCHAR(40) NOT NULL,  
4     headquarters VARCHAR(50),  
5     ownerof VARCHAR(35) NOT NULL,  
6     PRIMARY KEY(p_id)  
7 );
```

b) THEATRE

Run SQL query/queries on database assg3_b200826cs: 

```
1 CREATE TABLE theatre(  
2     t_id CHAR(5) NOT NULL UNIQUE,  
3     t_name VARCHAR(40) NOT NULL,  
4     locations VARCHAR(40) NOT NULL,  
5     PRIMARY KEY(t_id)  
6 );
```

c) MOVIE

```
1 CREATE TABLE movie(  
2     m_id CHAR(5) NOT NULL UNIQUE,  
3     m_name VARCHAR(40) NOT NULL,  
4     pr_id CHAR(5) NOT NULL,  
5     th_id CHAR(5) NOT NULL,  
6     PRIMARY KEY(m_id),  
7     FOREIGN KEY(pr_id) REFERENCES production_company(p_id),  
8     FOREIGN KEY(th_id) REFERENCES theatre(t_id)  
9 );
```

d) TICKET

```
1 CREATE TABLE tickets(  
2     ticket_id INT(10) NOT NULL UNIQUE,  
3     movie_date DATE NOT NULL,  
4     movie_time TIME NOT NULL,  
5     th_id CHAR(5) NOT NULL,  
6     movie_id CHAR(5) NOT NULL,  
7     PRIMARY KEY(ticket_id),  
8     FOREIGN KEY(th_id) REFERENCES theatre(t_id),  
9     FOREIGN KEY(movie_id) REFERENCES movie(m_id)  
10 );
```

e) SEATS

```
1 CREATE TABLE seats(  
2     seat_no INT(5) NOT NULL UNIQUE,  
3     th_id CHAR(5) NOT NULL,  
4     availability VARCHAR(20) NOT NULL,  
5     seat_type CHAR(1) NOT NULL,  
6     CONSTRAINT PRIMARY KEY(seat_no, th_id),  
7     FOREIGN KEY(th_id) REFERENCES theatre(t_id)  
8 );
```

f) ACTORS

```
1 CREATE TABLE actors(  
2     a_id CHAR(5) NOT NULL UNIQUE,  
3     a_name VARCHAR(40) NOT NULL,  
4     PRIMARY KEY(a_id)  
5 );  
6
```

g) DIRECTORS

```
1 CREATE TABLE directors(  
2     d_id CHAR(5) NOT NULL UNIQUE,  
3     d_name VARCHAR(40) NOT NULL,  
4     PRIMARY KEY(d_id)  
5 );
```

h) CUSTOMER

```
1 CREATE TABLE customer(  
2     c_id CHAR(5) NOT NULL UNIQUE,  
3     c_name VARCHAR(40) NOT NULL,  
4     email VARCHAR(25),  
5     tkt_id INT(10) NOT NULL UNIQUE,  
6     FOREIGN KEY(tkt_id) REFERENCES tickets(ticket_id),  
7     PRIMARY KEY(c_id)  
8 );  
9
```

i) PAYMENT

```
1 CREATE TABLE payment(  
2     ref_id CHAR(5) NOT NULL UNIQUE,  
3     payment_type VARCHAR(40) NOT NULL,  
4     payment_status VARCHAR(25) NOT NULL,  
5     payment_date DATE NOT NULL,  
6     amount FLOAT NOT NULL,  
7     cm_id CHAR(5) NOT NULL,  
8     PRIMARY KEY(ref_id),  
9     FOREIGN KEY(cm_id) REFERENCES customer(c_id)  
10 );
```

j) GENRE

```
1 CREATE TABLE genre(  
2     m_id CHAR(5) NOT NULL,  
3     genre VARCHAR(10) NOT NULL UNIQUE,  
4     CONSTRAINT PRIMARY KEY(m_id, genre),  
5     FOREIGN KEY(m_id) REFERENCES movie(m_id)  
6 );  
7
```

k) ACTOR PHONE NUMBER

```
1 CREATE TABLE act_ph(  
2     a_id CHAR(5) NOT NULL UNIQUE,  
3     ph_no INT(10) NOT NULL,  
4     CONSTRAINT PRIMARY KEY(a_id, ph_no),  
5     FOREIGN KEY(a_id) REFERENCES actors(a_id)  
6 );
```

L) DIRECTOR PHONE NUMBER

```
1 CREATE TABLE direct_ph(  
2     d_id CHAR(5) NOT NULL UNIQUE,  
3     ph_no INT(10) NOT NULL,  
4     CONSTRAINT PRIMARY KEY(d_id, ph_no),  
5     FOREIGN KEY(d_id) REFERENCES directors(d_id)  
6 );
```

m) CUSTOMER PHONE NUMBER

```
1 CREATE TABLE customer_ph(  
2     c_id CHAR(5) NOT NULL UNIQUE,  
3     cph_no INT(10) NOT NULL UNIQUE,  
4     CONSTRAINT PRIMARY KEY(c_id, cph_no),  
5     FOREIGN KEY(c_id) REFERENCES customer(c_id)  
6 );
```

n) CUSTOMER TICKET (M - N) RELATION

```
1 CREATE TABLE customer_ticket(  
2     c_id CHAR(5) NOT NULL UNIQUE,  
3     ticket_id INT(10) NOT NULL UNIQUE ,  
4     CONSTRAINT PRIMARY KEY (ticket_id, c_id),  
5     FOREIGN KEY(c_id) REFERENCES customer(c_id),  
6     FOREIGN KEY(ticket_id) REFERENCES tickets(ticket_id)  
7  
8 );
```

o) ACTS IN MOVIE

```
1 CREATE TABLE acts_in(  
2     m_id CHAR(5) NOT NULL,  
3     a_id CHAR(5) NOT NULL,  
4     roll VARCHAR(30) NOT NULL,  
5     CONSTRAINT PRIMARY KEY(m_id, a_id),  
6     FOREIGN KEY(m_id) REFERENCES movie(m_id),  
7     FOREIGN KEY(a_id) REFERENCES actors(a_id)  
8 );
```


p) DIRECTS IN

Run SQL query/queries on database `assg3_b200826cs`:

```
1 CREATE TABLE directs_in(  
2     m_id CHAR(5) NOT NULL,  
3     d_id CHAR(5) NOT NULL,  
4     year INT(4) NOT NULL,  
5     CONSTRAINT PRIMARY KEY(m_id, d_id),  
6     FOREIGN KEY(m_id) REFERENCES movie(m_id),  
7     FOREIGN KEY(d_id) REFERENCES directors(d_id)  
8 );
```

AFTER EACH TABLE CREATION, SUCCESS COMMAND APPEARS

Delimiter `;` ☒ Show this query here again ☐ Retain query box ☐ Rollback when finished ☒ Enable foreign key checks **Go**

Hide query box

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0003 seconds.)

```
CREATE TABLE seats( seat_no INT(5) NOT NULL UNIQUE, th_id CHAR(5) NOT NULL, availability VARCHAR(20) NOT NULL, seat_type CHAR(1) NOT NULL, CONSTRAINT PRIMARY KEY(seat_no, th_id), FOREIGN KEY(th_id) REFERENCES theatre(t_id) );
```

[[Edit inline](#)] [[Edit](#)] [[Create PHP code](#)]

Console

ALL QUERIES ARE INSERTED

phpMyAdmin

Recent

Favorites

New

assg3_b200826cs

New

actors

acts_in

act_ph

customer

customer_ph

customer_ticket

directors

directs_in

direct_ph

genre

movie

payment

production_company

seats

theatre

tickets

ci

New

actors

acts_in

act_ph

customer

customer_ph

customer_ticket

directors

directs_in

direct_ph

genre

movie

Server: 127.0.0.1 » Database: assg3_b200826cs

Structure

SQL

Search

Query

Export

Import

Operations

Privileges

Routines

Events

Triggers

Tracking

More

Filters

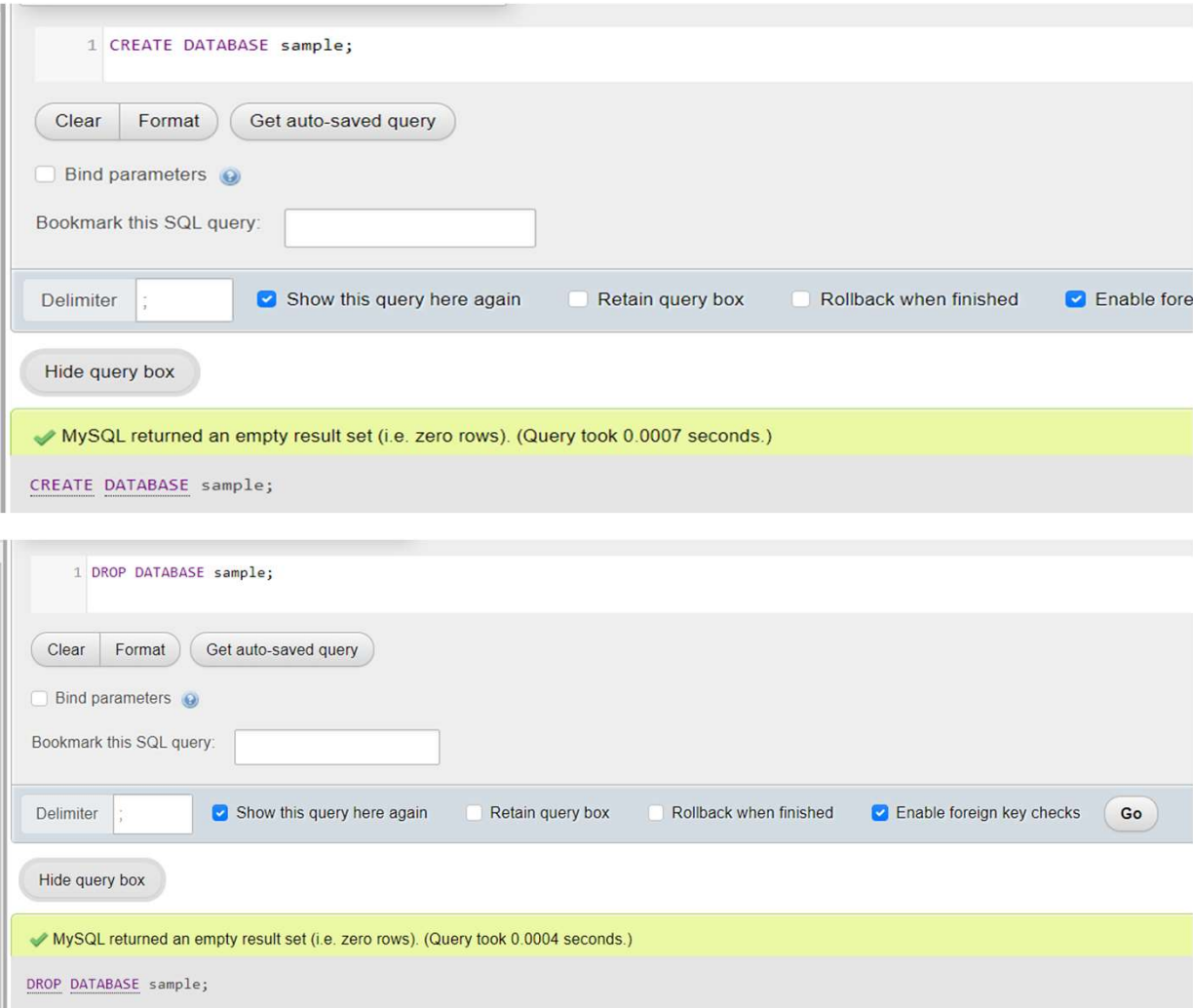
Containing the word:

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> actors	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	32.0 KiB	-
<input type="checkbox"/> acts_in	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	32.0 KiB	-
<input type="checkbox"/> act_ph	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	32.0 KiB	-
<input type="checkbox"/> customer	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	48.0 KiB	-
<input type="checkbox"/> customer_ph	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	48.0 KiB	-
<input type="checkbox"/> customer_ticket	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	48.0 KiB	-
<input type="checkbox"/> directors	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	32.0 KiB	-
<input type="checkbox"/> directs_in	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	32.0 KiB	-
<input type="checkbox"/> direct_ph	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	32.0 KiB	-
<input type="checkbox"/> genre	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	32.0 KiB	-
<input type="checkbox"/> movie	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	64.0 KiB	-
<input type="checkbox"/> payment	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	48.0 KiB	-
<input type="checkbox"/> production_company	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	32.0 KiB	-
<input type="checkbox"/> seats	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	48.0 KiB	-
<input type="checkbox"/> theatre	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	32.0 KiB	-
<input type="checkbox"/> tickets	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	64.0 KiB	-
16 tables	Sum	0	InnoDB	utf8mb4_general_ci	656.0 KiB	0 B

☐ Check all With selected:

Console

I have created a sample database and used Drop command on that. Inserting the picture of that function.




INSERTION IN PRODUCTION COMPANY

```
1 INSERT INTO production_company(p_id,p_name,headquarters,ownerof) VALUES ("qw124","YASH RAJ FILMS","MUMBAI","YASH CHOPRA");
2 INSERT INTO production_company(p_id,p_name,headquarters,ownerof) VALUES ("qw125","2D Entertainment","CHENNAI","SURIYA");
3 INSERT INTO production_company(p_id,p_name,headquarters,ownerof) VALUES ("qw126","Ajay Devgn Films","MUMBAI","AAY DEVGAN");
4 INSERT INTO production_company(p_id,p_name,headquarters,ownerof) VALUES ("qw127","Anurag Kashyap Films","MUMBAI","Anurag Kashyap");
5 INSERT INTO production_company(p_id,p_name,headquarters,ownerof) VALUES ("qw128","Bhansali Productions","MUMBAI","SANAY L. BHANSALI");
```

				p_id	p_name	headquarters	ownerof
<input type="checkbox"/>	 Edit	 Copy	 Delete	qw124	YASH RAJ FILMS	MUMBAI	YASH CHOPRA
<input type="checkbox"/>	 Edit	 Copy	 Delete	qw125	2D Entertainment	CHENNAI	SURIYA
<input type="checkbox"/>	 Edit	 Copy	 Delete	qw126	Ajay Devgn Films	MUMBAI	AAY DEVGAN
<input type="checkbox"/>	 Edit	 Copy	 Delete	qw127	Anurag Kashyap Films	MUMBAI	Anurag Kashyap
<input type="checkbox"/>	 Edit	 Copy	 Delete	qw128	Bhansali Productions	MUMBAI	SANAY L. BHANSALI
	<input type="checkbox"/> Check all	With selected:		 Edit	 Copy	 Delete	 Export

INSERTION IN THEATRE

```
1 INSERT INTO theatre(t_id,t_name,locations) VALUES ("tk012","YASH RAJ CINEMA","MUMBAI");
2 INSERT INTO theatre(t_id,t_name,locations) VALUES ("tk011","2D Entertainment","CHENNAI");
3 INSERT INTO theatre(t_id,t_name,locations) VALUES ("tk014","TALKIES Films","MUMBAI");
4 INSERT INTO theatre(t_id,t_name,locations) VALUES ("tk015","COMPLEX THEATRE","MUMBAI");
5 INSERT INTO theatre(t_id,t_name,locations) VALUES ("tk016","RA MANDIR","MUMBAI");
```

				t_id	t_name	locations
<input type="checkbox"/>	 Edit	 Copy	 Delete	tk011	2D Entertainment	CHENNAI
<input type="checkbox"/>	 Edit	 Copy	 Delete	tk012	YASH RAJ CINEMA	MUMBAI
<input type="checkbox"/>	 Edit	 Copy	 Delete	tk014	TALKIES Films	MUMBAI
<input type="checkbox"/>	 Edit	 Copy	 Delete	tk015	COMPLEX THEATRE	MUMBAI
<input type="checkbox"/>	 Edit	 Copy	 Delete	tk016	RA MANDIR	MUMBAI
<div> <input type="checkbox"/> Check all</div>				With selected:		
				 Edit	 Copy	 Delete
				 Export		

INSERTION IN MOVIE

```
1 INSERT INTO movie(m_id,m_name,pr_id,th_id) VALUES ("mo124","RAZZ","qw124","tk012");
2 INSERT INTO movie(m_id,m_name,pr_id,th_id) VALUES ("mo121","DHOOM","qw124","tk012");
3 INSERT INTO movie(m_id,m_name,pr_id,th_id) VALUES ("mo125","PK","qw124","tk015");
4 INSERT INTO movie(m_id,m_name,pr_id,th_id) VALUES ("mo126","ABCD","qw124","tk015");
5 INSERT INTO movie(m_id,m_name,pr_id,th_id) VALUES ("mo127","KAMASUTRA","qw124","tk016");
```

		m_id	m_name	pr_id	th_id
<input type="checkbox"/>	Edit Copy Delete	mo124	RAZZ	qw124	tk012
<input type="checkbox"/>	Edit Copy Delete	mo125	DHOOM	qw124	tk012
<input type="checkbox"/>	Edit Copy Delete	mo126	PK	qw124	tk015
<input type="checkbox"/>	Edit Copy Delete	mo127	ABCD	qw124	tk015
<input type="checkbox"/>	Edit Copy Delete	mo128	KAMASUTRA	qw124	tk016

☐ Check all With selected: Edit Copy Delete

INSERTION IN TICKETS

```
1 INSERT INTO tickets(ticket_id,movie_date,movie_time,th_id,movie_id) VALUES ("87650","2022-02-15","10:01:00","tk012","mo124");
2 INSERT INTO tickets(ticket_id,movie_date,movie_time,th_id,movie_id) VALUES ("87651","2022-02-10","10:10:00","tk012","mo124");
3 INSERT INTO tickets(ticket_id,movie_date,movie_time,th_id,movie_id) VALUES ("87652","2022-02-18","11:01:00","tk015","mo124");
4 INSERT INTO tickets(ticket_id,movie_date,movie_time,th_id,movie_id) VALUES ("87654","2022-02-17","12:01:00","tk015","mo124");
5 INSERT INTO tickets(ticket_id,movie_date,movie_time,th_id,movie_id) VALUES ("87655","2022-02-16","14:01:00","tk016","mo124");
```















				ticket_id	movie_date	movie_time	th_id	movie_id
<input type="checkbox"/>				87650	2022-02-15	10:01:00	tk012	mo124
<input type="checkbox"/>				87651	2022-02-10	10:10:00	tk012	mo124
<input type="checkbox"/>				87652	2022-02-18	11:01:00	tk015	mo124
<input type="checkbox"/>				87654	2022-02-17	12:01:00	tk015	mo124
<input type="checkbox"/>				87655	2022-02-16	14:01:00	tk016	mo124

☐ Check all
 With selected:
 Edit
 Copy
 Delete
 Export

☐ Show all
 Number of rows: 25
 Filter rows:
 Search this table:
 Sort by:

INSERTION IN SEATS

```
1 INSERT INTO seats(seat_no,th_id,availability,seat_type) VALUES ("87652","tk012","YES","G");
2 INSERT INTO seats(seat_no,th_id,availability,seat_type) VALUES ("87678","tk012","YES","G");
3 INSERT INTO seats(seat_no,th_id,availability,seat_type) VALUES ("87426","tk015","YES","G");
4 INSERT INTO seats(seat_no,th_id,availability,seat_type) VALUES ("87620","tk015","YES","G");
5 INSERT INTO seats(seat_no,th_id,availability,seat_type) VALUES ("87654","tk016","YES","G");
```

				seat_no	th_id	availability	seat_type
<input type="checkbox"/>	 Edit	 Copy	 Delete	87426	tk015	YES	G
<input type="checkbox"/>	 Edit	 Copy	 Delete	87620	tk015	YES	G
<input type="checkbox"/>	 Edit	 Copy	 Delete	87652	tk012	YES	G
<input type="checkbox"/>	 Edit	 Copy	 Delete	87654	tk016	YES	G
<input type="checkbox"/>	 Edit	 Copy	 Delete	87678	tk012	YES	G

 ☐ Check all With selected:  Edit  Copy  Delete  Export

☐ Show all | Number of rows: 25 Filter rows: Sort

INSERTION IN ACTORS

1 INSERT INTO actors(a_id,a_name) VALUES ("ABCDE","Akshay");
2 INSERT INTO actors(a_id,a_name) VALUES ("ABCDF","Akash");
3 INSERT INTO actors(a_id,a_name) VALUES ("ABCDG","Asaram");
4 INSERT INTO actors(a_id,a_name) VALUES ("ABCDH","Asneet");
5 INSERT INTO actors(a_id,a_name) VALUES ("ABCDI","Aay");

Extra options

←T→

a_ida_name

☐

Edit

Copy

Delete

ABCDE

Akshay

☐

Edit

Copy

Delete

ABCDF

Akash

☐

Edit

Copy

Delete

ABCDG

Asaram

☐

Edit

Copy

Delete

ABCDH

Asneet

☐

Edit

Copy

Delete

ABCDI

Aay

☐ Check all

With selected:

Edit
















INSERTION IN DIRECTORS

```
1 INSERT INTO directors(d_id,d_name) VALUES ("ABBDE","Ranikant");
2 INSERT INTO directors(d_id,d_name) VALUES ("ABBDF","SS Raamouli");
3 INSERT INTO directors(d_id,d_name) VALUES ("ABBDG","Karan cohar");
4 INSERT INTO directors(d_id,d_name) VALUES ("ABBDH","Ra Chopra");
5 INSERT INTO directors(d_id,d_name) VALUES ("ABBDI","Aay Devgan");
```

				d_id	d_name
<input type="checkbox"/>	Edit	Copy	Delete	ABBDE	Ranikant
<input type="checkbox"/>	Edit	Copy	Delete	ABBDF	SS Raamouli
<input type="checkbox"/>	Edit	Copy	Delete	ABBDG	Karan cohar
<input type="checkbox"/>	Edit	Copy	Delete	ABBDH	Ra Chopra
<input type="checkbox"/>	Edit	Copy	Delete	ABBDI	Aay Devgan

INSERTION IN CUSTOMER
















```
1 INSERT INTO customer(c_id,c_name,email,tkr_id) VALUES ("vBCDE","Akshay","asd@gmail.com","87650");
2 INSERT INTO customer(c_id,c_name,email,tkr_id) VALUES ("vBCDF","Akash","akash@gmail.com","87651");
3 INSERT INTO customer(c_id,c_name,email,tkr_id) VALUES ("vBCDG","Asaram","asaram@gmail.com","87652");
4 INSERT INTO customer(c_id,c_name,email,tkr_id) VALUES ("vBCDH","Asneet","asneet@gmail.com","87654");
5 INSERT INTO customer(c_id,c_name,email,tkr_id) VALUES ("vBCDI","Aay","abhay@gmail.com","87655");
```

				c_id	c_name	email	tkr_id
<input type="checkbox"/>		Edit		Copy		Delete	vBCDE Akshay asd@gmail.com 87650
<input type="checkbox"/>		Edit		Copy		Delete	vBCDF Akash akash@gmail.com 87651
<input type="checkbox"/>		Edit		Copy		Delete	vBCDG Asaram asaram@gmail.com 87652
<input type="checkbox"/>		Edit		Copy		Delete	vBCDH Asneet asneet@gmail.com 87654
<input type="checkbox"/>		Edit		Copy		Delete	vBCDI Aay abhay@gmail.com 87655

INSERTION IN PAYMENT

```
1 INSERT INTO payment(ref_id,payment_type,payment_status,payment_date,amount,cm_id) VALUES ("PMT01","CASH","YES","2022-02-15",50.00,"vBCDE");
2 INSERT INTO payment(ref_id,payment_type,payment_status,payment_date,amount,cm_id) VALUES ("PMT02","CARD","PENDING","2022-02-15",400.00,"vBCDF");
3 INSERT INTO payment(ref_id,payment_type,payment_status,payment_date,amount,cm_id) VALUES ("PMT03","UPI","PENDING","2022-02-15",250.00,"vBCDG");
4 INSERT INTO payment(ref_id,payment_type,payment_status,payment_date,amount,cm_id) VALUES ("PMT04","DEBIT CARD","FAILED","2022-02-15",120.00,"vBCDH");
5 INSERT INTO payment(ref_id,payment_type,payment_status,payment_date,amount,cm_id) VALUES ("PMT05","EMI","SUCCESSFUL","2022-02-15",100.00,"vBCDI");
```

Extra options
















		ref_id	payment_type	payment_status	payment_date	amount	cm_id
<input type="checkbox"/>	 Edit  Copy  Delete	PMT01	CASH	YES	2022-02-15	50	vBCDE
<input type="checkbox"/>	 Edit  Copy  Delete	PMT02	CARD	PENDING	2022-02-15	400	vBCDF
<input type="checkbox"/>	 Edit  Copy  Delete	PMT03	UPI	PENDING	2022-02-15	250	vBCDG
<input type="checkbox"/>	 Edit  Copy  Delete	PMT04	DEBIT CARD	FAILED	2022-02-15	120	vBCDH
<input type="checkbox"/>	 Edit  Copy  Delete	PMT05	EMI	SUCCESSFUL	2022-02-15	100	vBCDI

 ☐ Check all With selected:  Edit  Copy  Delete  Export

INSERTION IN GENRE
















Run SQL query/queries on table assgo_b200620cs.payment.

```
1 INSERT INTO genre(m_id,genre) VALUES ("mo124","HORROR");
2 INSERT INTO genre(m_id,genre) VALUES ("mo124","DRAMA");
3 INSERT INTO genre(m_id,genre) VALUES ("mo124","COMEDY");
4 INSERT INTO genre(m_id,genre) VALUES ("mo124","ROMANCE");
5 INSERT INTO genre(m_id,genre) VALUES ("mo124","THRILLER");
```

						m_id	genre	
<input type="checkbox"/>		Edit		Copy		Delete	mo124	COMEDY
<input type="checkbox"/>		Edit		Copy		Delete	mo124	DRAMA
<input type="checkbox"/>		Edit		Copy		Delete	mo124	HORROR
<input type="checkbox"/>		Edit		Copy		Delete	mo124	ROMANCE
<input type="checkbox"/>		Edit		Copy		Delete	mo124	THRILLER

INSERTION IN ACT PHONE NUMBER

```
1 INSERT INTO act_ph(a_id,ph_no) VALUES ("ABCDE","8107054864");
2 INSERT INTO act_ph(a_id,ph_no) VALUES ("ABCDF","8765000124");
3 INSERT INTO act_ph(a_id,ph_no) VALUES ("ABCDG","4765000124");
4 INSERT INTO act_ph(a_id,ph_no) VALUES ("ABCDH","6765000124");
5 INSERT INTO act_ph(a_id,ph_no) VALUES ("ABCDI","5765000124");
```

<div><div>←T→</div><div></div></div>				a_id	ph_no
<input type="checkbox"/>	 Edit	 Copy	 Delete	ABCDE	2147483647
<input type="checkbox"/>	 Edit	 Copy	 Delete	ABCDF	2147483647
<input type="checkbox"/>	 Edit	 Copy	 Delete	ABCDG	2147483647
<input type="checkbox"/>	 Edit	 Copy	 Delete	ABCDH	2147483647
<input type="checkbox"/>	 Edit	 Copy	 Delete	ABCDI	2147483647

INSERTION IN DIRECTOR PHONE NUMBER

```
1 INSERT INTO direct_ph(d_id,ph_no) VALUES ("ABBDE","5765002124");
2 INSERT INTO direct_ph(d_id,ph_no) VALUES ("ABBDF","5645000124");
3 INSERT INTO direct_ph(d_id,ph_no) VALUES ("ABBDG","6765000124");
4 INSERT INTO direct_ph(d_id,ph_no) VALUES ("ABBDH","2765000124");
5 INSERT INTO direct_ph(d_id,ph_no) VALUES ("ABBDI","5765111124");
```

				d_id	ph_no
<input type="checkbox"/>	 Edit	 Copy	 Delete	ABBDE	2147483647
<input type="checkbox"/>	 Edit	 Copy	 Delete	ABBDF	2147483647
<input type="checkbox"/>	 Edit	 Copy	 Delete	ABBDG	2147483647
<input type="checkbox"/>	 Edit	 Copy	 Delete	ABBDH	2147483647
<input type="checkbox"/>	 Edit	 Copy	 Delete	ABBDI	2147483647

 ☐ Check all With selected:  Edit  Copy  Delete  Export
















INSERTION IN CUSTOMER PHONE NUMBER

```
1 INSERT INTO customer_ph(c_id,cph_no) VALUES ("vBCDE","5765002124");
2 INSERT INTO customer_ph(c_id,cph_no) VALUES ("vBCDF","0065662124");
3 INSERT INTO customer_ph(c_id,cph_no) VALUES ("vBCDG","0005012124");
4 INSERT INTO customer_ph(c_id,cph_no) VALUES ("vBCDH","0000102124");
5 INSERT INTO customer_ph(c_id,cph_no) VALUES ("vBCDI","000006664");
```

					c_id	cph_no		
<input type="checkbox"/>		Edit		Copy		Delete	vBCDE	2147483647
<input type="checkbox"/>		Edit		Copy		Delete	vBCDF	65662124
<input type="checkbox"/>		Edit		Copy		Delete	vBCDG	5012124
<input type="checkbox"/>		Edit		Copy		Delete	vBCDH	102124
<input type="checkbox"/>		Edit		Copy		Delete	vBCDI	6664

INSERTION IN CUSTOMER TICKET

```
1 INSERT INTO customer_ticket(c_id,ticket_id) VALUES ("vBCDE","87650");
2 INSERT INTO customer_ticket(c_id,ticket_id) VALUES ("vBCDF","87651");
3 INSERT INTO customer_ticket(c_id,ticket_id) VALUES ("vBCDG","87652");
4 INSERT INTO customer_ticket(c_id,ticket_id) VALUES ("vBCDH","87654");
5 INSERT INTO customer_ticket(c_id,ticket_id) VALUES ("vBCDI","87655");
```

<div><div>←T→</div><div></div></div>					c_id	ticket_id		
<input type="checkbox"/>		Edit		Copy		Delete	vBCDE	87650
<input type="checkbox"/>		Edit		Copy		Delete	vBCDF	87651
<input type="checkbox"/>		Edit		Copy		Delete	vBCDG	87652
<input type="checkbox"/>		Edit		Copy		Delete	vBCDH	87654
<input type="checkbox"/>		Edit		Copy		Delete	vBCDI	87655



☐ Check all

With selected:

 Edit

 Copy

 Delete

 Export

INSERTION IN ACTS IN

```
1 INSERT INTO acts_in(m_id,a_id,roll) VALUES ("mo124","ABCDE","hero");
2 INSERT INTO acts_in(m_id,a_id,roll) VALUES ("mo124","ABCDF","villian");
3 INSERT INTO acts_in(m_id,a_id,roll) VALUES ("mo124","ABCDG","co hero");
4 INSERT INTO acts_in(m_id,a_id,roll) VALUES ("mo124","ABCDH","heroine");
5 INSERT INTO acts_in(m_id,a_id,roll) VALUES ("mo124","ABCDI","side hero");
```

				m_id	a_id	roll
<input type="checkbox"/>		Edit		Copy		Delete
<input type="checkbox"/>		mo124		ABCDE		hero
<input type="checkbox"/>		Edit		Copy		Delete
<input type="checkbox"/>		mo124		ABCDF		villian
<input type="checkbox"/>		Edit		Copy		Delete
<input type="checkbox"/>		mo124		ABCDG		co hero
<input type="checkbox"/>		Edit		Copy		Delete
<input type="checkbox"/>		mo124		ABCDH		heroine
<input type="checkbox"/>		Edit		Copy		Delete
<input type="checkbox"/>		mo124		ABCDI		side hero

☐ Check all

With selected:

Edit

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Delete

Export

INSERTION IN DIRECTS IN

```
1 INSERT INTO directs_in(m_id,d_id,year) VALUES ("mo124","ABBDE",2022);
2 INSERT INTO directs_in(m_id,d_id,year) VALUES ("mo124","ABBDF",2005);
3 INSERT INTO directs_in(m_id,d_id,year) VALUES ("mo124","ABBDG",2004);
4 INSERT INTO directs_in(m_id,d_id,year) VALUES ("mo124","ABBDH",2007);
5 INSERT INTO directs_in(m_id,d_id,year) VALUES ("mo124","ABBDI",2008);
```

				m_id	d_id	year	
<input type="checkbox"/>		Edit			mo124	ABBDE	2022
<input type="checkbox"/>		Edit			mo124	ABBDF	2005
<input type="checkbox"/>		Edit			mo124	ABBDG	2004
<input type="checkbox"/>		Edit			mo124	ABBDH	2007
<input type="checkbox"/>		Edit			mo124	ABBDI	2008

☐ Check all

With selected:

Edit

Copy

Delete

Export

OPERATIONS IN DATABASE-:


ALTER TABLE

```
1 ALTER TABLE payment ADD UNIQUE (ref_id);
```

Clear

Format

Get auto-saved query

☐ Bind parameters 

Bookmark this SQL query:

Delimiter

;

☒ Show this query here again

☐ Retain query box

☐ Rollback when finish

Hide query box

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0003 seconds.)

DELETE INFORMATION FROM TABLE

```
1 DELETE FROM seats WHERE seat_no ="87652";
```

Clear Format Get auto-saved query

☐ Bind parameters 

Bookmark this SQL query:

Delimiter ☒ Show this query here again ☐ Retain query box ☐ Rollback when finished ☒ Enable foreign key checks **Simulate query** **Go**

Hide query box

✔ 1 row affected. (Query took 0.0013 seconds.)

```
DELETE FROM seats WHERE seat_no ="87652";
```

[[Edit inline](#)] [[Edit](#)] [[Create PHP code](#)]

UPDATE, WHERE






















Run SQL query/queries on database **assg3_b200826cs**: 

```
1 UPDATE customer SET email = "deabu200@gmail.com" WHERE c_id = "vBCDE";
```

Clear
















Format

Get auto-saved query

				c_id	c_name	email	tkd_id
<input type="checkbox"/>	 Edit	 Copy	 Delete	vBCDE	Akshay	deabu200@gmail.com	87650
<input type="checkbox"/>	 Edit	 Copy	 Delete	vBCDF	Akash	akash@gmail.com	87651
<input type="checkbox"/>	 Edit	 Copy	 Delete	vBCDG	Asaram	asaram@gmail.com	87652
<input type="checkbox"/>	 Edit	 Copy	 Delete	vBCDH	Asneet	asneet@gmail.com	87654
<input type="checkbox"/>	 Edit	 Copy	 Delete	vBCDI	Aay	abhay@gmail.com	87655
	<input type="checkbox"/> Check all	With selected:		 Edit	 Copy	 Delete	 Export

EXISTS

```
1 SELECT m_name
2 FROM movie
3 WHERE EXISTS
4 (SELECT * FROM theatre WHERE theatre.t_id = movie.th_id);
```

				m_name			
<input type="checkbox"/>		Edit		Copy		Delete	RAZZ
<input type="checkbox"/>		Edit		Copy		Delete	DHOOM
<input type="checkbox"/>		Edit		Copy		Delete	PK
<input type="checkbox"/>		Edit		Copy		Delete	ABCD
<input type="checkbox"/>		Edit		Copy		Delete	KAMASUTRA

 ☐ Check all With selected:  Edit  Copy  Delete  Export

VIEW

Run SQL query/queries on table assg3_b200826cs.movie: ?

```
1 CREATE VIEW PC as
2 SELECT p_name, headquarters
3 FROM production_company
4 WHERE p_id = "qw125";
```

Run SQL query/queries on table assg3_b200826cs.movie: ?

```
1 DROP VIEW PC;
```


MIN, MAX, COUNT AND AGGREGEATE

```
1 SELECT MIN(amount) FROM (payment);
2 SELECT MAX(amount) FROM (payment);
3 SELECT COUNT(c_id) FROM (customer);
```

Extra options

MIN(amount)
50

☐ Show all

Number of rows: 25 ▾

Filter rows:

Extra options

MAX(amount)
400

☐ Show all

Number of rows: 25 ▾

Filter rows:

Extra options

COUNT(c_id)
5

AUTO INCREMENT

```
1 ALTER TABLE `seats`  
2   MODIFY `seat_no` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=8;
```

LIKE CLAUSE

```
1 SELECT * FROM seats WHERE seat_no LIKE "8%";
```

	seat_no	th_id	availability	seat_type
<div><div></div><div>Edit</div><div>Copy</div><div>Delete</div></div>	87426	tk015	YES	G
<div><div></div><div>Edit</div><div>Copy</div><div>Delete</div></div>	87620	tk015	YES	G
<div><div></div><div>Edit</div><div>Copy</div><div>Delete</div></div>	87654	tk016	YES	G
<div><div></div><div>Edit</div><div>Copy</div><div>Delete</div></div>	87678	tk012	YES	G

Check all

With selected:

Edit

Copy

Delete

Export

HAVING BY

```
1 SELECT seat_type as Seattype, COUNT(seat_no) as Seats
2 FROM seats
3 GROUP BY seat_type
4 HAVING COUNT(seat_no) > 1;
```

Extra options

Seattype	Seats
G	4

Query results operations



Print



Copy to clipboard



Export



Display chart



Create view

GROUP BY

```
1 SELECT payment_type as PAID_THROUGH, COUNT(ref_id) as Total_Customers
2 FROM payment
3 GROUP BY payment_type
4 ORDER BY COUNT(ref_id) desc;
```

PAID_THROUGH	Total_Customers
CARD	1
EMI	1
CASH	1
DEBIT CARD	1
UPI	1