CREATION OF TABLES

CREATE TABLE booking (b\_id varchar2(255), booking\_date date, PRIMARY KEY (b\_id));

Desc booking;

CREATE TABLE show (show\_id varchar2(255), programme\_name varchar2(255),language varchar2(255), host varchar2(255) , start\_time varchar2(255), end\_time varchar2(255), PRIMARY KEY (show\_id));

Desc show;

CREATE TABLE admin (admin\_id varchar2(255),admin\_name varchar2(255), password varchar2(255), PRIMARY KEY (admin\_id));

Desc admin

CREATE TABLE theatre (th\_id varchar2(255), tname varchar2(255), location varchar2(255), PRIMARY KEY (th\_id));

Desc theatre;

CREATE TABLE discount (dis\_id varchar2(255), offer integer, PRIMARY KEY (dis\_id));

Desc discount;

CREATE TABLE Customer ( c\_id varchar2(255), c\_name varchar2(255) NOT NULL, email\_id varchar2(255) NOT NULL, password varchar2(255), phone\_no integer NOT NULL, b\_id varchar2(255), PRIMARY KEY (c\_id), FOREIGN KEY (b\_id) REFERENCES booking(b\_id));

Desc customer;

CREATE TABLE tickets ( tid varchar2(255), c\_id varchar2(255), admin\_id varchar2(255), seat\_no varchar2(255), hall\_no varchar2(255), show\_date date, price integer, th\_id varchar2(255), show\_id varchar2(255), dis\_id varchar2(255) , PRIMARY KEY (tid), FOREIGN KEY (c\_id) REFERENCES customer(c\_id), FOREIGN KEY (admin\_id) REFERENCES admin(admin\_id), FOREIGN KEY (show\_id) REFERENCES show(show\_id), FOREIGN KEY (th\_id) REFERENCES theatre(th\_id), FOREIGN KEY (dis\_id) REFERENCES discount(dis\_id));

Desc tickets;

Inserting values

Insert into booking values('BI2287', '04-JAN-2021');

Insert into booking values('BI5030', '25-DEC-2020');

Insert into booking values('BI2121', '26-JAN-2021');

Insert into booking values('BI0909', '15-JAN-2021');

Insert into show values('SI02020', 'BIGG BOSS', 'Tamil','Kamal Hasan', '8:30 PM', '10:30 PM');

Insert into show values('SI98765', 'SHARK TANK', 'English', 'Kevin Olery', '11:00 AM', '3:45 PM');

Insert into show values('SI12345', 'GOT TALENT', 'English', 'Simon Cowel', '10:30 AM', '6:00 PM');

Insert into show values('SI67890', 'American Idel', 'English', 'Luke Bryan', '9:00 AM', '3:00 PM');

Insert into admin values('A02','Surya','Noobmaster69');

Insert into admin values('A09','Thor','goneforhead');

Insert into theatre values('TH301','Vasamtham','Chennai');

Insert into theatre values('TH555','Starlight','New York');

Insert into theatre values('TH890','GrandArena','San Andreas');

Insert into discount values('DI15',15);

Insert into discount values('DI27',27);

Insert into discount values('DI45',45);

Insert into customer values('C001','Santa Claus','elves@gmail.com','123candy',0987654321, 'BI2287');

Insert into customer values('C002','Maya','myth@gmail.com','squareroot',1234567890, 'BI0909');

Insert into customer values('C003','Chris','evans@gmail.com','Assemble',1234560987, 'BI2121');

Insert into customer values('C004','Kong','godzilla@gmail.com','battleoftitans',0987651234, 'BI5030');

Insert into customer values('C005','Valhala','origin@yahoo.com','samework123',6543210987, 'BI2287');

Insert into customer values('C006','Voltermort','sanke@gmail.com','sword@31',6789054321, 'BI0909');

Insert into customer values('C007','Harry','potter@yahoo.com','scareinhead',6789012345, 'BI5030');

Insert into customer values('C008','Victor','stone@gmail.com','coldaustin',9988776655, 'BI2287');

Insert into tickets values('TI001','C007','A02','F13','E','04-FEB-2021',650,'TH555','SI98765','DI27');

Insert into tickets values('TI100','C001','A09','A11','D','29-MAR-2021',450,'TH890','SI12345','DI15');

Insert into tickets values('TI507','C003','A09','B03','C','21-MAR-2021',375,'TH301','SI67890','DI15');

Insert into tickets values('TI701','C006','A02','G09','F','15-MAR-2021',650,'TH301','SI98765','DI27');

Insert into tickets values('TI155','C004','A09','D12','F','11-MAR-2021',999,'TH890','SI02020','DI45');

Insert into tickets values('TI651','C002','A02','H05','D','11-MAR-2021',375,'TH555','SI67890','DI27');

Insert into tickets values('TI050','C005','A02','G02','A','15-FEB-2021',650,'TH301','SI98765','DI15');

Insert into tickets values('TI101','C008','A09','C09','B','28-FEB-2021',450,'TH890','SI12345','DI45');

Queries

1. DISPLAY ALL TABLES

SELECT \* from tickets;

SELECT \* from customer;

SELECT \* from show;

SELECT \* from discount;

SELECT \* from theatre;

SELECT \* from admin;

SELECT \* from booking;

1. DISPLAY details of customers and tickets whose hall no are F

SELECT \* from customer c,tickets t

Where t.hall\_no='F' and t.c\_id=c.c\_id;

1. Display details of shows whose languages is English

Select \* from show

Where language='English';

1. Display discounted price from table discount and tickets

Select (t.price-((t.price\*d.offer)/100)) AS discount\_price

From tickets t, discount d

where t.dis\_id=d.dis\_id;

1. Display theatre name and show name, host name

Select th.tname, s.programme\_name,s.host

From theatre th,show s, tickets t

Where th.th\_id=t.th\_id and s.show\_id=t.show\_id;

1. Display booking date ,show date

Select b.booking\_date , t.show\_date

from tickets t,customer c,booking b

where b.b\_id=c.b\_id and t.c\_id=c.c\_id;

1. Deduct price of tickets for customers whose show date is on 11 th march by 50

Select show\_date,price from tickets;

Update tickets

Set price=price-50

Where show\_date='11-MAR-2021';

Select show\_date,price from tickets;

1. Display details of customer with letter ‘n’ in their name

Select c\_name from customer

Where c\_name like '%n%';

1. Display the distinct id of shows from tickets table

Select distinct(show\_id) from tickets;

1. Display the details of custumers in ascending order of their name

Select \* from customer

Order by c\_name;

1. Display name of theatre operated by admin thor

Select distinct(th.tname)

from theatre th,tickets t,admin a

Where t.admin\_id=a.admin\_id and t.th\_id=th.th\_id and a.admin\_name='Thor';

1. Diplay detail of customers does not have gmail

Select \* from customers

Where email\_id not like '%gmail%';