**Task 3- Event Mangement System using PostgreSQL**

**1.Database Creation**

create database EventsManagement;

create table Events (

Event\_Id INT Primary Key,

Event\_name text,

Event\_date date,

Event\_location text,

Event\_description text);

create table Attendees(

Attendee\_Id INT Primary Key,

Attendee\_name text,

Attendee\_Phone NUMERIC,

Attendee\_email text,

Attendee\_city text);

Create table Registrations(

Registration\_Id INT Primary Key,

Event\_ID INT,

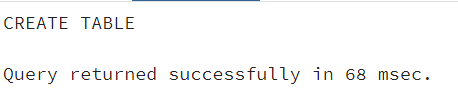
Attendee\_Id INT,

Registration\_date date,

Registration\_amount numeric,

FOREIGN Key(Event\_Id) references events(event\_Id),

FOREIGN Key(Registration\_Id) references Registrations(Registration\_Id));

****

**2. Data Creation** **insert into events values**

--inserting values into events table

(101,'Moonlight','2022-11-12','Bilaspur','Once in a lifetime'),

(102,'Jio','2022-11-13','Jammu','Jio Dhan Dhanadhan'),

(103,'Verasity','2022-11-14','Lahore','Vampire university'),

(104,'Zukebox','2022-11-15','Madurai','Box in a tempo'),

(105,'RJ Raveena','2022-11-16','Trichy','Raveena Kareena and Tareena');

--Inserting values into attendees table

insert into Attendees values (601,'Krishna','8973772165','Krishna@amazon.com','Tripura'),

(602,'Abha','9876543211','abha@amazon.com','Delhi'),

(603,'Rahul','9600652234','rahul@amazon.com','Mumbai'),

(604,'Yash','9988776655','yash@amazon.com','Madurai'),

(605,'Saba','8899007766','saba@amazon.com','Kashmir');

--Inserting values into Registrations table

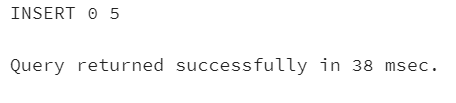
insert into registrations values (901,101,601,'2022-10-10','9000'),

(902,102,602,'2022-10-11','11200'),

(903,103,603,'2022-10-12','71200'),

(904,104,604,'2022-11-13','7500'),

(905,105,605,'2022-10-13','14230');



**3. Manage event details**

**(a)** **Inserting a new event**

insert into events (Event\_id,Event\_name,Event\_date,Event\_location,Event\_description) values

('106','Rickash','2022-11-18','Kohlapur','Dil Jahan aur aap');

**(b)Update existing event**

Update events set event\_name='Titan Tornado' where Event\_id='104';

**(c)Delete existing event**

delete from registrations where Event\_id='104';

delete from events where Event\_id='104';

**4.Manage Track Attendees & Handle Events**

**(a) Inserting a new attendee**

Insert into attendees (Attendee\_id,Attendee\_name,Attendee\_phone,Attendee\_email,Attendee\_city) values

(606,'koyla','147563892','koyla@amazon.com','mysore');

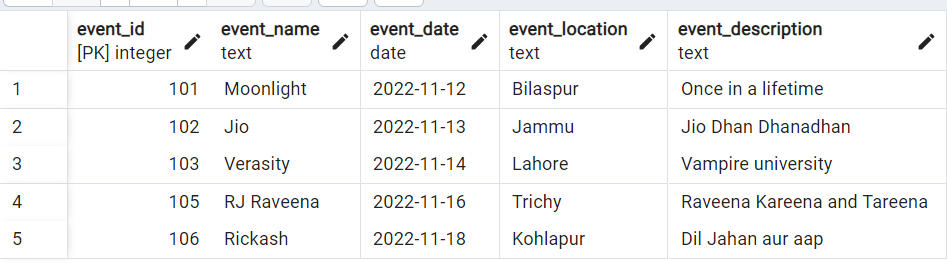
**(b) Registering an attendee for an event**

insert into registrations (Registration\_id,Event\_id,Attendee\_id,Registration\_date,Registration\_amount) values

(906,105,006,'2022-12-05','40000');

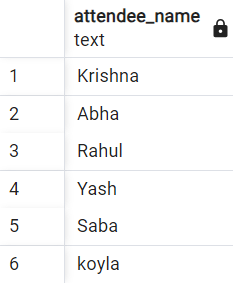
**5.Query to retrieve event information**

Select \* from events\_table;



**Query to generate attendee lists**

Select attendee\_name from attendees;



**Query to calculate event attendance statistics**

select events.event\_name,count(registrations.attendee\_Id)as No\_of\_attendees

from registrations

left join events on events.event\_Id= registrations.event\_id

group by 1;

