DML Statements

```sql
INSERT INTO client_info VALUES (1,'Sai Satwik','Kuppili','Vizag','India'
);
INSERT INTO client_info VALUES ( 2,'Vyshnavi','Ravella','Guntur','India'
);
INSERT INTO client_info VALUES ( 3,'Surya
Chaitanya','Palepu','Hyderabad','India' );
INSERT INTO client_info VALUES ( 4,'Sai Sarath
Chandra','Ganti','Chegai','Pakistan');

select *from client_info;

INSERT INTO boat VALUES ( 'I321',50,2,'Luxury' );
INSERT INTO boat VALUES ( 'I322',25,4,'Luxury' );
INSERT INTO boat VALUES ( 'I323',30,1,'Normal' );
INSERT INTO boat VALUES ( 'I324',150,3,'Deluxe' );
INSERT INTO boat VALUES ( 'I666',100,4,'Luxury' );

select * from boat;

INSERT INTO booking_info VALUES (
1,'I321','22-OCT-2018','25-OCT-2018',1,0,'Cash','No' );
INSERT INTO booking_info VALUES (
1,'I324','22-OCT-2018','25-OCT-2018',3,0,'Card','Yes' );
INSERT INTO booking_info VALUES (
2,'I322','12-MAR-2019','30-MAR-2019',4,0,'Cash','Yes' );
INSERT INTO booking_info VALUES (
2,'I324','22-OCT-2018','25-OCT-2018',2,0,'Card','Yes' );
INSERT INTO booking_info VALUES (
3,'I323','01-DEC-2018','05-DEC-2018',1,0,'Cash','Yes' );
INSERT INTO booking_info VALUES (
3,'I666','14-DEC-2018','20-DEC-2018',3,0,'Cash','Yes' );
INSERT INTO booking_info VALUES (
4,'I323','01-DEC-2018','05-DEC-2018',1,0,'Cash','Yes' );


select * from booking_info

INSERT INTO phone_numbers VALUES ( 1,7730876239 );
INSERT INTO phone_numbers VALUES ( 1,9494200000 );
INSERT INTO phone_numbers VALUES ( 2,8309240324 );
INSERT INTO phone_numbers VALUES ( 2,7995297281 );
INSERT INTO phone_numbers VALUES ( 3,9963516161 );
INSERT INTO phone_numbers VALUES ( 4,8137069878 );
INSERT INTO phone_numbers VALUES ( 4,9063545753 );
```

```sql
select * from phone_numbers;

INSERT INTO services VALUES ( 'Luxury','100Mbps','NULL','Yes',10000 );
INSERT INTO services VALUES ( 'Deluxe','200Mbps','Yes','Yes',20000 );
INSERT INTO services VALUES ( 'Normal','NULL','NULL','NULL',7500 );
select * from services;

INSERT INTO owner VALUES (
1,'Trilochan','Balivada','KL123','22-MAR-1976' );
INSERT INTO owner VALUES ( 2,'RamaKrishna','VR','KL345','18-AUG-1979' );
INSERT INTO owner  VALUES ( 3,'HariPrasad','Sonti','KL766','14-NOV-1969'
);
INSERT INTO owner VALUES ( 4,'Shabir','Gohal','KL487','12-FEB-1978' );
select * from owner;

INSERT INTO route VALUES ( 1,'Alleppey','Neudmudi' );
INSERT INTO route VALUES ( 2,'Champakkulam','Kainarary' );
INSERT INTO route VALUES ( 3,'Chennamkary','Kainakary' );
INSERT INTO route VALUES ( 4,'Kanjippadom','Pallathruthy' );

INSERT INTO sightseeing_spots VALUES ( 1,'Kumarakom' );
INSERT INTO sightseeing_spots VALUES ( 1,'Thottappally' );
INSERT INTO sightseeing_spots VALUES ( 2,'Alumkadavu' );
INSERT INTO sightseeing_spots VALUES ( 2,'Pallathruthy');
INSERT INTO sightseeing_spots VALUES ( 2,'Kumarakom' );
INSERT INTO sightseeing_spots VALUES ( 3,'Vembabanad' );
INSERT INTO sightseeing_spots VALUES ( 4,'Karumadikuttan' );
INSERT INTO sightseeing_spots VALUES ( 4,'Amrithapuri' );

select route_id,count(*) from booking_info where from_date >=
'01-DEC-2018' and from_date <= '30-DEC-2018' group by route_id ;
update client_info set client_dob = '27-NOV-1998' where client_id=1;
update client_info set client_dob = '15-NOV-1998' where client_id=2;
update client_info set client_dob = '12-AUG-1998' where client_id=3;
update client_info set client_dob = '29-NOV-1998' where client_id=4;

select * from client_info order by client_dob asc;

display the capacity of boat booked by client on a given date;

select client_first_name,client_last_name,boat.boat_number,boat_capacity
    from (booking_info join boat on
booking_info.boat_number=boat.boat_number)
    join client_info using (client_id)
```

```sql
    where booking_info.from_date='14-DEC-2018';

update booking_info set payment_amount=
temp.rate*(DATE_PART('day',booking_info.to_date::date)-DATE_PART('day',b
ooking_info.from_date::date))
    from ((booking_info join boat using (boat_number))
    join services using (service_type)) as temp
    where booking_info.boat_number=temp.boat_number;

select * from booking_info;
select * from client_info where client_first_name like '%Sai%';

select client_id,client_first_name from client_info
    where client_id IN
    (select client_id
    from ( booking_info join boat using (boat_number) )as temp
    where temp.service_type NOT IN ('Luxury','Normal'));

select client_id,client_first_name from client_info
    where client_id IN
    (select client_id
    from ( booking_info join boat using (boat_number) )as temp
    where temp.service_type  IN ('Luxury'))
    union
    select client_id,client_first_name from client_info
    where client_id IN
    (select client_id
    from ( booking_info join boat using (boat_number) )as temp
    where temp.service_type IN ('Normal'));
select client_info.client_first_name
    from (booking_info join client_info using (client_id))
    where from_date between '01-DEC-2018' and '31-DEC-2018'  and  exists
(select* from booking_info where route_id = '3' and from_date between
'01-DEC-2018' and '31-DEC-2018');

select EXTRACT(MONTH from (select from_date from booking_info where
from_date='22-OCT-2018' and client_id=1 and boat_number='I321'));
```