DML STATEMENTS

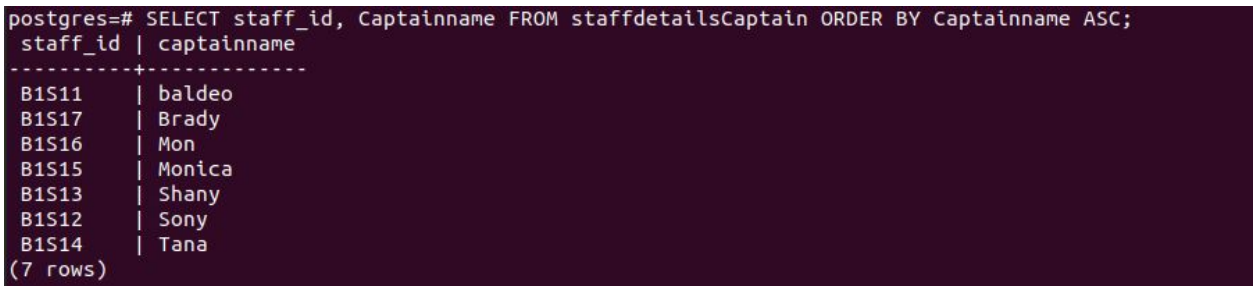
1a) SELECT staff_id, sum(Rating), Captainname FROM staffdetailsCaptain GROUP BY staff_id;

```
 staff_id | sum | captainname
----------+-----+-------------
 B1S16    |   5 | Mon
 B1S15    |   3 | Monica
 B1S13    |   5 | Shany
 B1S11    |   4 | baldeo
 B1S12    |   4 | Sony
 B1S17    |   4 | Brady
 B1S14    |   5 | Tana
(7 rows)
```

1b) SELECT staff_id, sum(Rating), Captainname FROM staffdetailsCaptain GROUP BY staff_id HAVING rating>1;

```
 staff_id | sum | captainname
----------+-----+-------------
 B1S16    |   5 | Mon
 B1S15    |   3 | Monica
 B1S17    |   4 | Brady
 B1S13    |   5 | Shany
 B1S11    |   4 | baldeo
 B1S14    |   5 | Tana
 B1S12    |   4 | Sony
(7 rows)
```

2) SELECT staff_id, Captainname FROM staffdetailsCaptain ORDER BY Captainname ASC;



```
postgres=# SELECT staff_id, Captainname FROM staffdetailsCaptain ORDER BY Captainname ASC;
 staff_id | captainname
----------+-------------
 B1S11    | baldeo
 B1S17    | Brady
 B1S16    | Mon
 B1S15    | Monica
 B1S13    | Shany
 B1S12    | Sony
 B1S14    | Tana
(7 rows)
```

3) SELECT Rating from staffdetailsSteward NATURAL JOIN staffdetailsCaptain;

```
test=# SELECT Rating from staffdetailsSteward NATURAL JOIN staffdetailsCaptain;
 rating
--------
      5
      5
(2 rows)

test=#
```

4) SELECT staff_id, Captainname FROM staffdetailsCaptain WHERE Rating>1;

```
test=# SELECT staff_id, Captainname FROM staffdetailsCaptain WHERE Rating>1;
 staff_id | captainname
----------+-------------
 1        | Gopika
 2        | Preal
 3        | Dancer
 4        | Sinju
 5        | Minju
 6        | Ardra
(6 rows)

test=#
```

5) SELECT Salary+500 FROM staffdetailsCaptain;

```
test=# SELECT Salary+500 FROM staffdetailsCaptain;
 ?column?
----------
     5920
     5960
     1760
     8760
     2760
     2760
(6 rows)

test=#
```

6) SELECT CONCAT(cfirstname, clatname) FROM Customer;

```
postgres=# SELECT CONCAT(cfirstname, clatname) FROM Customer;
    concat
--------------
 PearlWilson
 ArdraRaj
 SandraBino
 GopikaSuresh
 GopikaP
(5 rows)
```

7) SELECT EXTRACT(MONTH FROM From_date), to_char(to_date, 'YYYY-MM-DD') FROM transaction;

```
postgres=# SELECT EXTRACT(MONTH FROM From_date), to_char(to_date, 'YYYY-MM-DD') FROM transaction;
 date_part |  to_char
-----------+------------
        12 | 2020-12-17
        12 | 2020-12-25
        12 | 2020-12-15
        12 | 2020-12-11
        12 | 2020-12-11
(5 rows)
```

8) I

```
postgres=# SELECT * FROM staffdetailsCaptain Where Salary BETWEEN 20000 AND 60000;
 staff_id | salary | rating | captainname
----------+--------+--------+-------------
 B1S11    |  20000 |      4 | baldeo
 B1S12    |  20500 |      4 | Sony
 B1S13    |  30000 |      5 | Shany
 B1S14    |  30000 |      5 | Tana
 B1S16    |  40000 |      5 | Mon
 B1S17    |  20000 |      4 | Brady
```

II SELECT * FROM staffdetailsCaptain Where Salary IN (20000, 40000);

```
postgres=# SELECT * FROM staffdetailsCaptain Where Salary IN (20000, 40000);
 staff_id | salary | rating | captainname
----------+--------+--------+-------------
 B1S11    |  20000 |      4 | baldeo
 B1S16    |  40000 |      5 | Mon
 B1S17    |  20000 |      4 | Brady
(3 rows)
```

III SELECT * FROM staffdetailsCaptain Where Salary NOT BETWEEN 20000 AND 40000

```
postgres=# SELECT * FROM staffdetailsCaptain Where Salary NOT BETWEEN 20000 AND 40000;
 staff_id | salary | rating | captainname
----------+--------+--------+-------------
 B1S15    |  10000 |      3 | Monica
(1 row)
```

IV SELECT * FROM staffdetailsCaptain Where Salary NOT IN(20000, 60000);

```
postgres=# SELECT * FROM staffdetailsCaptain Where Salary NOT IN(20000, 60000);
 staff_id | salary | rating | captainname
----------+--------+--------+-------------
 B1S12    |  20500 |      4 | Sony
 B1S13    |  30000 |      5 | Shany
 B1S14    |  30000 |      5 | Tana
 B1S15    |  10000 |      3 | Monica
 B1S16    |  40000 |      5 | Mon
(5 rows)
```

9) UPDATE staffdetailsCaptain SET Owner_id = a2 WHERE O_name=Ramesh;

```
postgres=# UPDATE Owner SET owner_id = 'a102' WHERE o_name='Ramesh';
UPDATE 1
postgres=# select * from Owner
;
 owner_id | o_name  | license
----------+---------+---------
 a104     | Suresh  | XX2
 a103     | Puneet  | XX3
 a105     | Chandra | XX4
 a106     | Sen     | XX5
 a102     | Ramesh  | XX1
(5 rows)
```

10) I SELECT clatname FROM Customer WHERE EXISTS(SELECT cfirstname FROM Customer WHERE ccity= 'Thrissur');

```
postgres=# SELECT clatname FROM Customer WHERE EXISTS(SELECT cfirstname FROM  Customer WHERE ccity= '
Thrissur');
 clatname
----------
 Wilson
 Raj
 Bino
 Suresh
 P
(5 rows)
```

II SELECT clatname FROM Customer WHERE NOT EXISTS(SELECT cfirstname FROM Customer WHERE ccity= 'Thrissur');

```
postgres=# SELECT clatname FROM Customer WHERE NOT EXISTS(SELECT cfirstname FROM  Customer WHERE ccit
y= 'Thrissur');
 clatname
----------
(0 rows)
```

III

```
postgres=# SELECT cfirstname FROM Customer WHERE cfirstname = ANY (SELECT cfirstname FROM  Customer W
HERE ccity = 'Thrissur');
 cfirstname
------------
 Pearl
(1 row)
```

IV SELECT Staff_id FROM Customer WHERE CFirstname = ALL (SELECT First_name FROM Customer WHERE CCity == Thrissur)

```
postgres=# SELECT cfirstname FROM Customer WHERE cfirstname = ALL (SELECT cfirstname FROM  Customer W
HERE ccity = 'Palghat');
 cfirstname
------------
 Gopika
 Gopika
(2 rows)
```