1.Write a query to display the policytypeid,policytypename,description of all the car’s policy details.

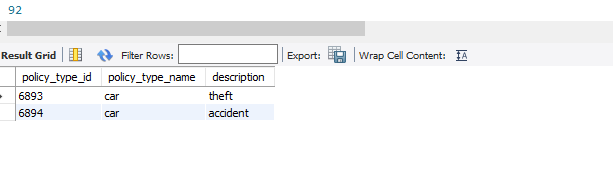
Ans : Query

select s.policy\_type\_id , q.policy\_type\_name,s.description from

insurancedb.policy\_sub\_types s join insurancedb.ref\_policy\_types q on

s.policy\_type\_code=q.policy\_type\_code where q.policy\_type\_name='car';

Output:

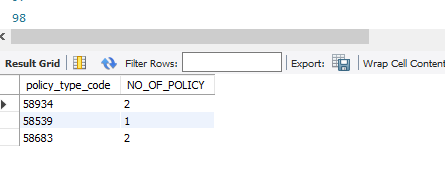


2.Write a query to display the policytypecode,no of polycies in each code with alias name NO\_OF\_POLICIES.

Ans:

select p.policy\_type\_code , count(\*) as NO\_OF\_POLICIES from insurancedb.policy\_sub\_types p group by p.policy\_type\_code;

output:

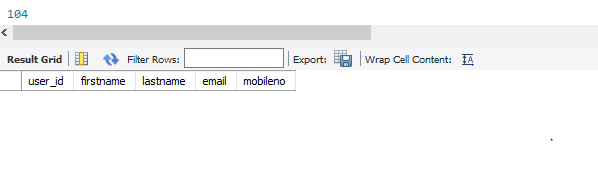


3.Write a query to display the userid,firstname,lastname, email,mobileno who are residing in Chennai.

select p.user\_id, p.firstname, p.lastname, p.email, p.mobileno from insurancedb.user\_details as p

join insurancedb.address\_details as q on p.address\_id = q.address\_id where q.city='chennai';

output:



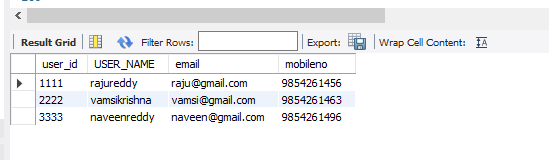
4.Write a query to display the userid, firstname lastname with alias name USER\_NAME,email,mobileno who has taken the car polycies.

select p.user\_id, concat(p.firstname, p.lastname) as USER\_NAME, p.email, p.mobileno from insurancedb.user\_details p join insurancedb.user\_policies q on q.user\_id = p.user\_id

join insurancedb.policy\_sub\_types t on q.policy\_type\_id = t.policy\_type\_id

join insurancedb.ref\_policy\_types r on t.policy\_type\_code = r.policy\_type\_code where r.policy\_type\_name = 'car';

output :



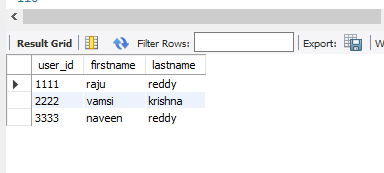
5.Write a query to display the userid, firstname,last name who has taken the car policies but not home ploicies.

select p.user\_id, p.firstname, p.lastname from insurancedb.user\_details p inner join insurancedb.user\_policies q on q.user\_id = p.user\_id

inner join insurancedb.policy\_sub\_types t on q.policy\_type\_id = t.policy\_type\_id

inner join insurancedb.ref\_policy\_types r on t.policy\_type\_code = r.policy\_type\_code where r.policy\_type\_name = 'car' and r.policy\_type\_name not in ('home');

output:



6.Write a query to display the policytypecode, policytype name which policytype has maximum no of policies.

select p.policy\_type\_code, p.policy\_type\_name from insurancedb.ref\_policy\_types p join

insurancedb.policy\_sub\_types q on p.policy\_type\_code = q.policy\_type\_code

group by p.policy\_type\_code, p.policy\_type\_name

having count(\*) = (select MAX(policy\_count) from (select count(\*) as policy\_count from

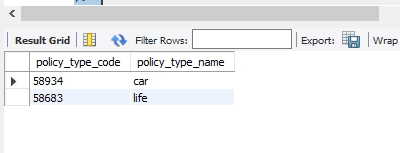
insurancedb.ref\_policy\_types p join insurancedb.policy\_sub\_types q on p.policy\_type\_code = q.policy\_type\_code

group BY p.policy\_type\_code, p.policy\_type\_name

) as counts

);

Output:



Or

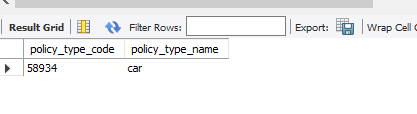
select p.policy\_type\_code, r.policy\_type\_name from insurancedb.policy\_sub\_types p

join insurancedb.ref\_policy\_types r on p.policy\_type\_code= r.policy\_type\_code

group by p.policy\_type\_code , r.policy\_type\_name

order by count(\*) desc Limit 1;

output :

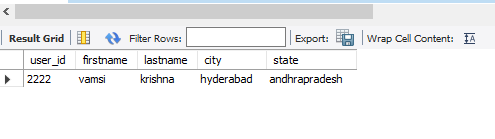


7.Write a query to display the userid, firtsname, lastname, city state whose city is ending with ‘bad’.

select p.user\_id, p.firstname, p.lastname, q.city, q.state from insurancedb.user\_details as p

join insurancedb.address\_details as q on p.address\_id = q.address\_id where city like '%bad';

output:

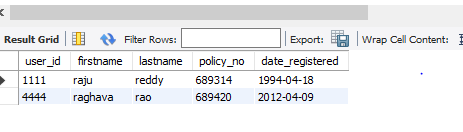


8.Write a query to display the userid, firstname, lastname ,ploicyno, dateregistered who has registered before may 2012.

select p.user\_id, p.firstname, p.lastname, q.policy\_no, q.date\_registered from insurancedb.user\_details as p

join insurancedb.user\_policies as q on p.user\_id = q.user\_id where q.date\_registered < '2012-05-01';

output:



9.Write a query to display the userid, firstname, lastname who has taken more than one policies.

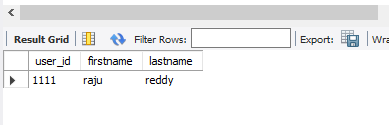
select p.user\_id, p.firstname, p.lastname from insurancedb.user\_details p join insurancedb.user\_policies q on

p.user\_id = q.user\_id

group by p.user\_id, p.firstname, p.lastname

having count(q.policy\_no) > 1;

output:



10.Write a query to display the policytypecode, policytypename, policytypeid, userid, ploicyno whose maturity will fall in the month of august 2013.

Ans:

select p.policy\_type\_code , r.policy\_type\_name, u.policy\_type\_id, u.user\_id, u.policy\_no

from insurancedb.policy\_sub\_types p

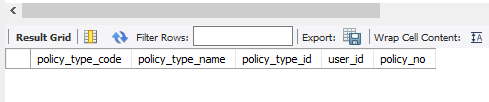
join insurancedb.user\_policies u on u.policy\_type\_id = p.policy\_type\_id

join insurancedb.ref\_policy\_types r on r.policy\_type\_code = p.policy\_type\_code

where Year (u.date\_registered) = 2030 and

month( u.date\_registered) =8;

output:



11.Write a query to display the userid, total amount paid by the customer with alias name total\_amount.

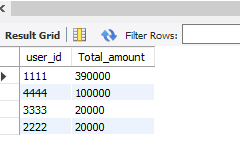
Ans:

select p.user\_id, SUM(q.amount) as Total\_amount from insurancedb.user\_details as p

join insurancedb.policy\_payments as q on p.user\_id = q.user\_id

GROUP BY p.user\_id;

Output :



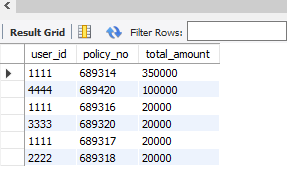
12.Write a query to display the user\_id, policy\_no, total amount paid by the customer for the each policies.

select p.user\_id, p.policy\_no, sum(q.amount) as total\_amount from insurancedb.user\_policies as p

join insurancedb.policy\_payments q on p.policy\_no=q.policy\_no

group by p.user\_id,p.policy\_no;

output:



15.Write a query to display the user details userid,firstname,last who has taken car, home and life loans.

select p.user\_id, p.firstname, p.lastname as USER\_NAME, p.email, p.mobileno from insurancedb.user\_details p inner join insurancedb.user\_policies q on q.user\_id = p.user\_id

join insurancedb.policy\_sub\_types t on q.policy\_type\_id = t.policy\_type\_id

join insurancedb.ref\_policy\_types r on t.policy\_type\_code = r.policy\_type\_code where r.policy\_type\_name in ('car', 'life', 'home');

