DDL Queries:

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create database insurancedb;

use insurancedb

create table address_details(address_id int primary key,h_no varchar(6),city varchar(50),addressline1 varchar(50),state varchar(50),pin varchar(50));

create table user_details(user_id int primary key,firstname varchar(50),lastname varchar(50),email varchar(50),mobileno varchar(50),address_id int references address_details(address_id),dob date);

create table ref_policy_types(policy_type_code varchar(10) primary key,policy_type_name varchar(50));

create table policy_sub_types(policy_type_id varchar(10) primary key,policy_type_code varchar(10) references ref_policy_types(policy_type_code),description varchar(50),yearsofpayements int,amount double,maturityperiod int,maturityamount double,validity int);

create table user_policies(policy_no varchar(20) primary key,user_id int references user_details(user_id),date_registered date,policy_type_id varchar(10) references policy_sub_types(policy_type_id) );

create table policy_payments(receipno int primary key,user_id int references user_details(user_id),policy_no varchar(20) references user_policies(policy_no),dateofpayment date,amount double,fine double);
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DML QUERIES:

```
insert into address_details values(1,'6-21','hyderabad','kphb','andhrapradesh',1254);

insert into address_details values(2,'7-81','chennai','seruseri','tamilnadu',16354);

insert into address_details values(3,'3-71','lucknow','street','uttarpradesh',86451);

insert into address_details values(4,'4-81','mumbai','iroli','maharashtra',51246);

insert into address_details values(5,'5-81','bangalore','mgroad','karnataka',125465);

insert into address_details values(6,'6-81','ahamadabad','street2','gujarat',125423);

insert into address_details values(7,'9-21','chennai','sholinganur','tamilnadu',654286);
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insert into user_details values(1111,'raju','reddy','raju@gmail.com','9854261456',4,'1986-4-11');

insert into user_details values(2222,'vamsi','krishna','vamsi@gmail.com','9854261463',1,'1990-4-11');

insert into user_details values(3333,'naveen','reddy','naveen@gmail.com','9854261496',4,'1985-3-14');

insert into user_details values(4444,'raghava','rao','raghava@gmail.com','9854261412',4,'1985-9-21');

insert into user_details values(5555,'harsha','vardhan','harsha@gmail.com','9854261445',4,'1992-10-11');


insert into ref_policy_types values('58934','car');

insert into ref_policy_types values('58539','home');

insert into ref_policy_types values('58683','life');


insert into policy_sub_types values('6893','58934','theft',1,5000,null,200000,1);

insert into policy_sub_types values('6894','58934','accident',1,20000,null,200000,3);

insert into policy_sub_types values('6895','58539','fire',1,50000,null,500000,3);

insert into policy_sub_types values('6896','58683','anandhlife',7,50000,15,1500000,null);

insert into policy_sub_types values('6897','58683','sukhlife',10,5000,13,300000,null);


insert into user_policies values('689314',1111,'1994-4-18','6896');

insert into user_policies values('689316',1111,'2012-5-18','6895');

insert into user_policies values('689317',1111,'2012-6-20','6894');

insert into user_policies values('689318',2222,'2012-6-21','6894');

insert into user_policies values('689320',3333,'2012-6-18','6894');

insert into user_policies values('689420',4444,'2012-4-09','6896');


insert into policy_payments values(121,4444,'689420','2012-4-09',50000,null);

insert into policy_payments values(345,4444,'689420','2013-4-09',50000,null);
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insert into policy_payments values(300,1111,'689317','2012-6-20',20000,null);

insert into policy_payments values(225,1111,'689316','2012-5-18',20000,null);

insert into policy_payments values(227,1111,'689314','1994-4-18',50000,null);

insert into policy_payments values(100,1111,'689314','1995-4-10',50000,null);

insert into policy_payments values(128,1111,'689314','1996-4-11',50000,null);

insert into policy_payments values(96,1111,'689314','1997-4-18',50000,200);

insert into policy_payments values(101,1111,'689314','1998-4-09',50000,null);

insert into policy_payments values(105,1111,'689314','1999-4-08',50000,null);

insert into policy_payments values(120,1111,'689314','2000-4-05',50000,null);

insert into policy_payments values(367,2222,'689318','2012-6-21',20000,null);

insert into policy_payments values(298,3333,'689320','2012-6-18',20000,null);
```

Solve the following Queries:

1. Write a query to display the policytypeid,policytypename,description of all the car's policy details.
2. Write a query to display the policytypecode,no of polycies in each code with alias name NO_OF_POLICIES.
3. Write a query to display the userid,firstname,lastname, email,mobileno who are residing in Chennai.
4. Write a query to display the userid, firstname lastname with alias name USER_NAME,email,mobileno who has taken the car polycies.
5. Write a query to display the userid, firstname,last name who has taken the car policies but not home ploicies.
6. Write a query to display the policytypecode, policytype name which policytype has maximum no of policies.
7. Write a query to display the userid, firtsname, lastname, city state whose city is ending with 'bad'.
8. Write a query to display the userid, firstname, lastname ,ploicyno, dateregistered who has registered before may 2012.
9. Write a query to display the userid, firstname, lastname who has taken more than one policies.
10. Write a query to display the policytypecode, policytypename, policytypeid, userid, ploicyno whose maturity will fall in the month of august 2013.
11. Write a query to display the policytypecode, policytypename, policytypeid whose maturity amount is the double than the total paid amount.

12. Write a query to display the userid, total amount paid by the customer with alias name total_amount.
13. Write a query to display the user_id, policy_no, total amount paid by the customer for the each policies.
14. Write a query to display the user_id, policy_no, balance_amount for each policies.
15. write a query to display the user_id,policy_no, balancepayment years with alias name BALANCE_YEARS for all the customer for each policies.
16. Write a query to display the user details userid,firstname,last who has taken car, home and life loans.
17. Write a query to select policy_type_code,total amount paid by all the customers with alias name total_amount for each policy department.
18. Write a query to select user_id,user_name,policy_type_code,policy_type_id of users who has registered more than one policy type unde same policy code.
19. Write a query to display the policy_type_code,policytype name in which policy department has min number of policies registered.
20. Write a query to display the user_id,user_name, address,phoneno,policytypecode,policytypeid,policytypename, who has complemented all payements for the policies.
21. write a query to display the user_id, user_name, address,phoneno,policytypecode,policytypeid,policytypename,date ofd register who has registered latest 2.