CREATE TABLE clients23 (

cno NUMBER(5) PRIMARY KEY,

cname VARCHAR2(50),

addr VARCHAR2(100),

birthdate DATE

);

CREATE TABLE polics23 (

pno NUMBER(5) PRIMARY KEY,

description VARCHAR2(100),

matamt NUMBER(10,2) CHECK (matamt> 0),

premamt NUMBER(10,2) CHECK (premamt> 0),

pdate DATE

);

CREATE TABLE cp023 (

cno NUMBER(5) REFERENCES clients23(cno) ON DELETE CASCADE,

pno NUMBER(5) REFERENCES polics23(pno) ON DELETE CASCADE

);

INSERT ALL

INTO clients23 VALUES (1, 'Aarav Patel', 'Delhi', '1-feb-2023')

INTO clients23 VALUES (2, 'Mira Singh', 'Mumbai', '2-feb-2023')

INTO clients23 VALUES (3, 'Arjun Sharma', 'Bangalore', '3-feb-2023')

INTO clients23 VALUES (4, 'Isha Gupta', 'Kolkata', '3-feb-2023')

INTO clients23 VALUES (5, 'Rohan Verma', 'Chennai','5-feb-2023')

SELECT \* FROM dual;

INSERT ALL

INTO polics23 VALUES (101, 'Life Insurance', 150000, 500000, '2-march-2001')

INTO polics23 VALUES (102, 'Health Insurance', 100000, 300000, '7-jan-1970')

INTO polics23 VALUES (103, 'Auto Insurance', 200000, 450000, '5-jan-2000')

INTO polics23 VALUES (104, 'Property Insurance', 300000, 600000, '2-mar-2000')

INTO polics23 VALUES (105, 'Travel Insurance', 500000, 200000, '8-jan-2000')

SELECT \* FROM dual;

desc polics23;

INSERT ALL

INTO cp023 VALUES (1, 101)

INTO cp023 VALUES (2, 102)

INTO cp023 VALUES (3, 103)

INTO cp023 VALUES (4, 104)

INTO cp023 VALUES (5, 105)

select \* from dual;

==========================================================================

create or replace trigger t4

before insert or update on polics23

for each row

begin

if(:new.matamt<:new.premamt) then

raise\_application\_error(-20004,'maturity amt should greater tha premium amt');

end if;

end;

INSERT INTO polics23 VALUES (110, 'Life Insurance', 1500, 500000, '2-march-2001');

================================================================================

create or replace procedure p23 is

cursor c23 is

select premamt,pdate from clients23,polics23,cp023 where clients23.cno=cp023.cno and polics23.pno=cp023.pno and polics23.premamt< 5000;

begin

for s in c23 loop

dbms\_output.put\_line(s.premamt||''||s.pdate);

end loop;

end;

begin

p23;

end;

====================================================================================