# Slip no 23

CREATE TABLE wholesaler23 (

wno NUMBER(3) PRIMARY KEY,

wname VARCHAR2(50) NOT NULL,

address VARCHAR2(50),

city VARCHAR2(50)

);

CREATE TABLE product23 (

pno NUMBER(4) PRIMARY KEY,

pname VARCHAR2(50) NOT NULL,

rate NUMBER(7) CHECK (rate > 0)

);

CREATE TABLE wp (

wno NUMBER(3) REFERENCES wholesaler23(wno) ON DELETE CASCADE,

pno NUMBER(4) REFERENCES product23(pno) ON DELETE CASCADE,

quantity NUMBER(5) CHECK (quantity > 0),

PRIMARY KEY (wno, pno)

);

INSERT INTO wholesaler23 VALUES (1, 'Raj Traders', '123 Street', 'City A');

INSERT INTO wholesaler23 VALUES (2, 'Sharma Distributors', '456 Road', 'City B');

INSERT INTO wholesaler23 VALUES (3, 'Singh Enterprises', '789 Avenue', 'City C');

INSERT INTO wholesaler23 VALUES (4, 'Patel Traders', '101 Boulevard', 'City D');

INSERT INTO wholesaler23 VALUES (5, 'Kumar Suppliers', '202 Lane', 'City E');

INSERT INTO wholesaler23 VALUES (6, 'Mr.Patil', '202 Lane', 'City E');

INSERT INTO product23 VALUES (101, 'Sugar', 50.00);

INSERT INTO product23 VALUES (102, 'Tea Leaves', 75.00);

INSERT INTO product23 VALUES (103, 'Rice', 40.00);

INSERT INTO product23 VALUES (104, 'Wheat Flour', 30.00);

INSERT INTO product23 VALUES (105, 'Spices', 60.00);

INSERT INTO product23 VALUES (106, 'Spices', 60.00);

INSERT INTO wp VALUES (1, 101, 200);

INSERT INTO wp VALUES (2, 102, 150);

INSERT INTO wp VALUES (3, 103, 100);

INSERT INTO wp VALUES (4, 104, 250);

INSERT INTO wp VALUES (5, 105, 120);

INSERT INTO wp VALUES (6, 106, 120);

create or replace procedure p23 is

cursor c23 is

select wholesaler23.wname,product23.pno,pname,rate from product23,wholesaler23,wp where product23.pno=wp.pno and wholesaler23.wno=wp.wno and wholesaler23.wname='Mr.Patil';

begin

for s in c23

loop

dbms\_output.put\_line(s.wname||''||s.pno||''||s.pname||''||s.rate);

end loop;

end;

begin

p23;

end;

declare

cursor c23(uwno wp.wno%type) is

select wp.wno,product23.pno,pname from wp,product23,wholesaler23 where wholesaler23.wno=wp.wno and product23.pno=wp.pno and uwno=wp.wno;

begin

for s in c23(:uwno)

loop

dbms\_output.put\_line(s.wno||''||s.pno||''||s.pname);

end loop;

end;