**Online Marketing App**

5/2022

CREATE OR REPLACE

PROCEDURE PRODUCTNAME

(cat in VARCHAR2, prod\_name out sys\_refcursor)

AS

BEGIN

open prod\_name for

select p.productname

from product p

where p.categoryname = cat;

END PRODUCTNAME;

CREATE OR REPLACE

PROCEDURE GETPASSWORD

(user\_name in VARCHAR2, pass out NUMBER)

AS

BEGIN

select account\_pass

into pass

from accounts

where username = user\_name;

END GETPASSWORD;

create table productcategory(

categoryid number(6) unique,

categoryname varchar2(20) primary key);

create table accounts(

username varchar2(20) primary key,

account\_pass varchar2(20) NOT NULL,

email VARCHAR2(30) NOT null );

create table sellers(

username varchar2(20) primary key references accounts(username),

taxnumber number(6) unique,

taxcard number(15) unique);

create table customers(

username varchar2(20) NOT NULL references accounts(username),

address varchar2(30) NOT NULL ,

primary key(username,address));

create table product(

productid Number(6) primary key ,

productname Varchar2(20) not null,

price number(20) check(price >0),

categoyname number(6) references ProductCategory(categoryname),

seller\_username varchar2(20) references sellers(username));

create table cartItem(

productId number(6) NOT NULL references product(productid),

Customer\_username varchar2(20) NOT NULL references accounts(username),

quantity number(6) NOT NULL,

primary key(productid,Customer\_username));

create table customer\_order(

orderid number(6) primary key ,

username VARCHAR2(20) NOT NULL references accounts(username) );

create table order\_product(

orderid number(6) NOT NULL references customer\_order(orderid),

productid Number(6) NOT NULL references product(productid),

,quantity Number(6)

primary key(orderid,productid));

insert into accounts values

('ahmed',1234,'ahmed@gmail.com');

insert into accounts values

('mohamed',12345,'mohamed@gmail.com');

insert into accounts values

('adham',12342,'adham@gmail.com');

insert into accounts values

('ali',12347,'ali@gmail.com');

insert into accounts values

('abdallah',1234,'abdallah@gmail.com');

insert into accounts values

('mokhles',12334,'mokhles@gmail.com');

insert into sellers values

('ali',23465,8678797);

insert into sellers values

('mohamed',2324,8678);

insert into sellers values

('ahmed',23487,86787);

insert into productcategory values

(1,'electronics');

insert into productcategory values

(2,'furniture');

insert into productcategory values

(3,'home devices');

insert into customers values

('ali','elgmaalya');

insert into customers values

('ahmed','embaba dawla');

insert into customers values

('adham','madenty');

insert into customers values

('mohamed','elharam');

insert into customers values

('mokhles','fysal');

insert into customer\_order values

(1,'ali');

insert into customer\_order values

(2,'adham');

insert into customer\_order values

(3,'mohamed');

insert into product values

(1,'laptop',1000,'ali','electronics');

insert into product values

(2,'tablet',1000,'ahmed','electronics');

insert into product values

(3,'table',1000,'mohamed','furniture');

insert into order\_product values

(1,1,5);

insert into order\_product values

(1,2,7);

insert into order\_product values

(2,1,10);

insert into order\_product values

(3,1,20);

insert into order\_product values

(3,3,8);

insert into cartitem values

(1,'ali',15);

insert into cartitem values

(2,'ahmed',13);

insert into cartitem values

(3,'adham',7);

insert into cartitem values

(2,'adham',9);

insert into cartitem values

(1,'mokhles',11);

commit;