**Documentation**

1. **Create tables and insert data**

create table employee

(emp\_id number(10) primary key,

emp\_ssn number(20),

emp\_firstname varchar2(40),

emp\_lastname varchar2(40),

gender CHAR,

start\_date date,

jobtitle varchar2(40),

salary number(9,2));

create table customer

(customer\_id number(10) primary key,

customer\_ssn number(20),

cust\_firstname varchar2(40),

cust\_lastname varchar2(40),

card\_number number(15),

address varchar2(50),

phone number(15));

create table supplier

(sup\_id number(10) primary key,

sup\_firstname varchar2(40),

sup\_lastname varchar2(40),

country varchar2(50),

phone number(20));

create table product

(prod\_id number(10)primary key,

prod\_name varchar2(40),

prod\_category varchar2(40),

stock number(10),

price number (9,2),

sup\_id number(10) references supplier(sup\_id));

create table orders

(order\_id number(10),

emp\_id number(10) references employee(emp\_id),

cus\_id number(10) references customer(customer\_id),

order\_cost number(10,2));

create table orderproducts

(order\_id number(10) references orders(order\_id),

prod\_id number(10) references products(prod\_id));

insert into customer

VALUES (1, 100, ‘Harper’,’Dante,4929551411891,’9690 Tempor Rd.’,5663103046);

insert into customer

VALUES (2,101,’Rana’,’Otto’,45321249948387,’4329 Dolor. St.’,892800530);

insert into customer

VALUES (3,102,'Briar','Hall',4539673370964,'7650 Sodales Avenue',4279673334);

insert into employee

VALUES (1,201,'Ruby','Griffith','F','6-jun-2018','manager',5000);

insert into employee

VALUES (2,202,'Darryl','Gary','M','4-dec-2020','delivery',3000);

insert into employee

VALUES (3,203,'Ahmed','Cruz','M','6-aug-2020','delivery',3000);

insert into supplier values

(1,'Oliver','Dillon','United Kingdom',2676457433);

insert into supplier values

(2,'Fay','Timothy','Brazil',7748923355);

insert into product

VALUES (1,'banana','fruit',50,10,2);

insert into product

VALUES (2,'potatoe','vegetables',200,5,2);

insert into product

VALUES (3,'soap','cleaners',100,20,1);

insert into orders values

(1,2,2,50);

insert into orders values

(2,3,3,20);

insert into orderproducts values

(1,1);

insert into orderproducts values

(1,1);

insert into orderproducts values

(1,3);

insert into orderproducts values

(2,1);

insert into orderproducts values

(2,1);

insert into orderproducts values

(3,1);

insert into orderproducts values

(3,3);

**2-Procedures**

create or replace

procedure selection

(p\_id in product.prod\_id%type,

stock out product.stock%type,

p\_price out product.price%type,

p\_sup out product.sup\_id%type)

as

begin

select p.stock,p.price,p.sup\_id into stock, p\_price, p\_sup

from product p

where p.prod\_id = p\_id;

end;

create or replace

PROCEDURE selectall

(erow out sys\_refcursor)

as

begin

open erow for

select \* from product ;

end;

ORA-00001: unique constraint (SCOTT.SYS\_C0013801) violated

ORA=02291: integrity constraint (SCOTT.SYS\_C0013802) violated - parent key not found