-- Assignment02: leandro Machado

drop table order1 cascade constraint;

-- 1.

create table order1(

orderno number(5) not null,

customer\_id number(5) not null,

prod\_id number(5) not null,

date1 date not null,

qty number(4) not null,

salesman\_id number(5) not null,

constraint customer\_order1\_fk foreign key(customer\_id) references customer(customer\_id),

constraint salesman\_order1\_fk foreign key(salesman\_id) references salesman(salesman\_id)

);

-- 2.

insert into order1 values(9001, 3007, 104, to\_date('10-15-2019', 'mm-dd-yyyy'), 5, 5002);

insert into order1 values(9001, 3007, 108, to\_date('10-15-2019', 'mm-dd-yyyy'), 5, 5002);

insert into order1 values(9002, 3009, 109, to\_date('10-20-2019', 'mm-dd-yyyy'), 5, 5007);

insert into order1 values(9003, 3002, 102, to\_date('10-14-2019', 'mm-dd-yyyy'), 5, 5001);

insert into order1 values(9003, 3002, 101, to\_date('10-14-2019', 'mm-dd-yyyy'), 5, 5001);

-- 3.

alter table order1

add constraint order1\_pk primary key(prod\_id);

-- 4.

alter table customer

add referred number(4);

-- 5.

update customer set referred = 3006 where customer.customer\_id = 3002;

update customer set referred = 3003 where customer.customer\_id = 3008;

-- 6.

select \* from order1 order by qty DESC;

-- 7.

-- select \* from order1 where order1.customer\_id = 3007;

select \* from customer, order1 where customer.customer\_id = order1.customer\_id and order1.customer\_id = 3007;

-- 8.

select \* from order1 where order1.date1 between to\_date('10/14/2008','mm-dd-yyyy') and to\_date('10/15/2019','mm-dd-yyyy');

-- 9.

select UPPER(name) as Upper\_name from salesman where name like '%au%';

-- 10.

select distinct salesman.name from salesman, order1 where salesman.salesman\_id = order1.salesman\_id;

-- 11.

select customer.cust\_name as "Customer\_Name", customer.referred as "Customer\_Referred" from customer where customer.referred is not null;

-- 12.

select distinct customer.cust\_name, customer.referred from customer full outer join order1 on customer.customer\_id = order1.customer\_id;

-- 13.

select distinct customer.city from customer union select distinct salesman.city from salesman;

-- 14.

select distinct customer.city from customer intersect select distinct salesman.city from salesman;

-- 15.

select customer.city from customer where customer.city not in (select salesman.city from salesman);

-- 16.

select sum(order1.qty), salesman.name from order1 inner join salesman on order1.salesman\_id = salesman.salesman\_id group by order1.orderno, salesman.name;

-- 17.

select sum(order1.qty), salesman.name from order1 inner join salesman on order1.salesman\_id = salesman.salesman\_id group by order1.orderno, salesman.name where sum(order1.qty) > 10;

-- 18.

-- select customer.customer\_id, customer.cust\_name, customer.grade from customer where customer.grade > (select customer\_id from customer where customer\_id = 3006);

select customer.customer\_id, customer.cust\_name, customer.grade from customer where customer.grade > ( select grade from customer where customer.customer\_id = 3002);

-- 19.

select cust\_name, grade, (select AVG(grade) from customer) from customer;

-- 20.

select customer.grade, salesman.grade from customer, salesman where customer.grade > salesman.grade and salesman.comission = (select comission from salesman where )

-- 21.

-- 22.

select salesman.name, ROUND(commission\*7890.80,0) FROM salesman;

-- 23.

select customer.cust\_name, NVL(to\_char(referred),'no referral') FROM customer;

-- 24.

select SUBSTR(cust\_name, 1, 3) from customer;