Bài tập 1

use restaurantmanager;

-- 1

insert into categories values

(1,'Spaghetti','2007-10-01 12:45:23.111', '2007-10-01 12:45:23.111');

insert into shipping\_units values

(1,'Aha move','Ha Noi','0912359905','2007-10-01 12:45:23.111', '2007-10-01 12:45:23.111'),

(2,'Viettel Post','Ha Noi','0912959909','2005-10-01 12:45:23.111', '2008-10-01 12:45:23.111');

insert into cities value

(1,'Hai Phong','2021-9-01 12:45:23.111', '2021-10-01 12:45:23.111');

insert into districts values

(1,'Lê Chân',1 , '2021-10-01 12:45:23.111', '2021-11-01 12:45:23.111'),

(2,'Ngô Quyền',1 , '2021-10-01 12:45:23.111', '2021-11-01 12:45:23.111');

insert into stores values

(1,'Lotteria Lê Chân',1 ,'anh.jpg','Tuyet voi','2021-10-01 12:45:23.111', '2021-11-01 12:45:23.111'),

(2,'Lotteria Ngô Quyền',2 ,'anh1.jpg','Tuyet voi','2021-10-01 12:45:23.111', '2021-11-01 12:45:23.111');

-- 2

insert into roles value

(1,'manager','2021-10-01 12:45:23.111', '2021-11-01 12:45:23.111');

insert into users value

(1,12345,'manager','123','anh@gmail.com','09735987524','anh2.jpg',1 ,1 ,'2021-10-01 12:45:23.111', '2021-11-01 12:45:23.111');

-- 3

insert into products values

(1,'My y thit bo','chua cay', 1, 'anhmy.jpg', 10.00 ,'2021-10-02 12:45:23.111', '2021-11-03 12:45:23.111'),

(2,'My y sot kem','ngot thanh', 1, 'anhmy1.jpg', 9.00 ,'2021-10-02 12:45:23.111', '2021-11-03 12:45:23.111'),

(3,'My y cua','cay', 1, 'anhmy2.jpg', 11.00 ,'2021-10-02 12:45:23.111', '2021-11-03 12:45:23.111');

-- 4

insert into status values

(1, 'Con hang'),

(2, 'Het hang');

insert into store\_products values

(1, 2 , 1, 1, '2021-10-02 12:45:23.111', '2021-11-03 12:45:23.111'),

(2, 2 , 2, 1, '2021-10-02 12:45:23.111', '2021-11-03 12:45:23.111'),

(3, 2 , 3, 1, '2021-10-02 12:45:23.111', '2021-11-03 12:45:23.111');

-- 5

select s.id, s.name, d.name from stores as s join districts as d on s.district\_id = d.id

join cities c on c.id = d.city\_id and c.name = 'Ha Noi';

-- 6

select o.id, o.price, o.payment\_method, o.status, s.name from orders o join shipping\_units s on o.shipping\_unit\_id = s.id

join customers c on o.customer\_id = c.id and c.name = 'Merritt Fernandez';

-- 7

insert into categories values

(2,'Buger','2007-10-01 12:45:23.111', '2007-10-01 12:45:23.111'),

(3,'Gà','2007-10-01 12:45:23.111', '2007-10-01 12:45:23.111');

insert into products values

(4,'Buger Bò','chua cay', 2, 'anhmy.jpg', 10.00 ,'2021-10-02 12:45:23.111', '2021-11-03 12:45:23.111'),

(5,'Buger heo','ngot thanh', 2, 'anhmy1.jpg', 9.00 ,'2021-10-02 12:45:23.111', '2021-11-03 12:45:23.111'),

(6,'Buger gà','cay', 2, 'anhmy2.jpg', 11.00 ,'2021-10-02 12:45:23.111', '2021-11-03 12:45:23.111'),

(7,'Gà chiên','chua cay', 3, 'anhmy.jpg', 10.00 ,'2021-10-02 12:45:23.111', '2021-11-03 12:45:23.111'),

(8,'Gà xé phay','ngot thanh', 3, 'anhmy1.jpg', 9.00 ,'2021-10-02 12:45:23.111', '2021-11-03 12:45:23.111'),

(9,'Gà khô','cay', 3, 'anhmy2.jpg', 11.00 ,'2021-10-02 12:45:23.111', '2021-11-03 12:45:23.111');

insert into store\_products values

(4, 1 , 4, 1, '2021-10-02 12:45:23.111', '2021-11-03 12:45:23.111'),

(5, 1 , 5, 1, '2021-10-02 12:45:23.111', '2021-11-03 12:45:23.111'),

(6, 1 , 9, 2, '2021-10-02 12:45:23.111', '2021-11-03 12:45:23.111');

select p.id, p.name, c.name, sp.status from products p join categories c on p.category\_id = c.id

join store\_products sp on p.id = sp.product\_id join stores s on sp.store\_id = s.id and s.name = 'Lotteria Lê Chân';

-- 8

select c.\* from customers c where c.name = 'Josiah Cline';

-- 9

update customers

set name = 'Qa', phone = '0338443113', address = 'Phạm Hùng, Nam Từ Liêm, Hà Nội', birthday = '2000-03-01' where id = 3;

-- 10

insert into orders value

(4, 2, 2, 1, 1, 50, 1, 6, 3, '2022-11-01 12:45:23.111','2022-11-01 12:45:23.111');

-- 11

update orders

set status = 8 where id = 4;

select \* from orders;

-- 12

select o.id, o.price, o.status, o.created\_at from orders o

join customers c on o.customer\_id = c.id where c.name = 'Merritt Fernandez' and month(o.created\_at) = 11;

-- 13

select p.id, p.name, p.discount from promotions p

where p.apply\_day = 'Thu 2' order by p.discount desc;

-- 15

select c.name , count(o.customer\_id) total\_order from orders o join customers c on o.customer\_id = c.id group by o.customer\_id order by total\_order desc limit 3;

-- 16

select o.\* from orders o join stores s on o.store\_id = s.id where o.payment\_status = 3 and s.name = 'Lotteria Lê Chân';

-- 17

select pr.name, count(o.promotion\_id) total\_order

from promotions pr left join orders o on pr.id = o.promotion\_id group by o.promotion\_id order by total\_order desc;

-- 18

select s.name, sum(o.price) total\_price

from stores s join orders o on s.id = o.store\_id where month(o.created\_at) = 11

group by o.store\_id having total\_price > 5;

-- 19

select o.created\_at, o.payment\_method, sum(o.price)

from orders o join stores s on o.store\_id = s.id where s.name = 'Lotteria Lê Chân' group by o.created\_at, o.payment\_method;

-- 20

select s.name, count(o.shipping\_unit\_id) co from shipping\_units s join orders o on s.id = o.shipping\_unit\_id

group by o.shipping\_unit\_id order by co limit 1;