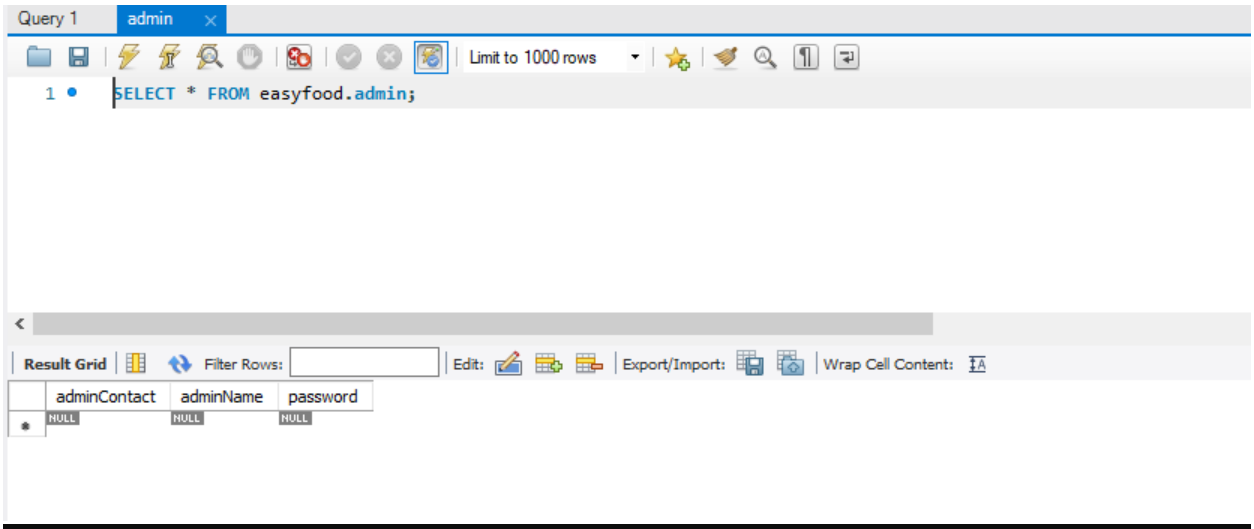
2021

Group Members
Molelo TA 28969588
Mokoena MS 26913860
Setlatjile MM 31281613
Kutumela T 29865514

K Mthiyane 29621666

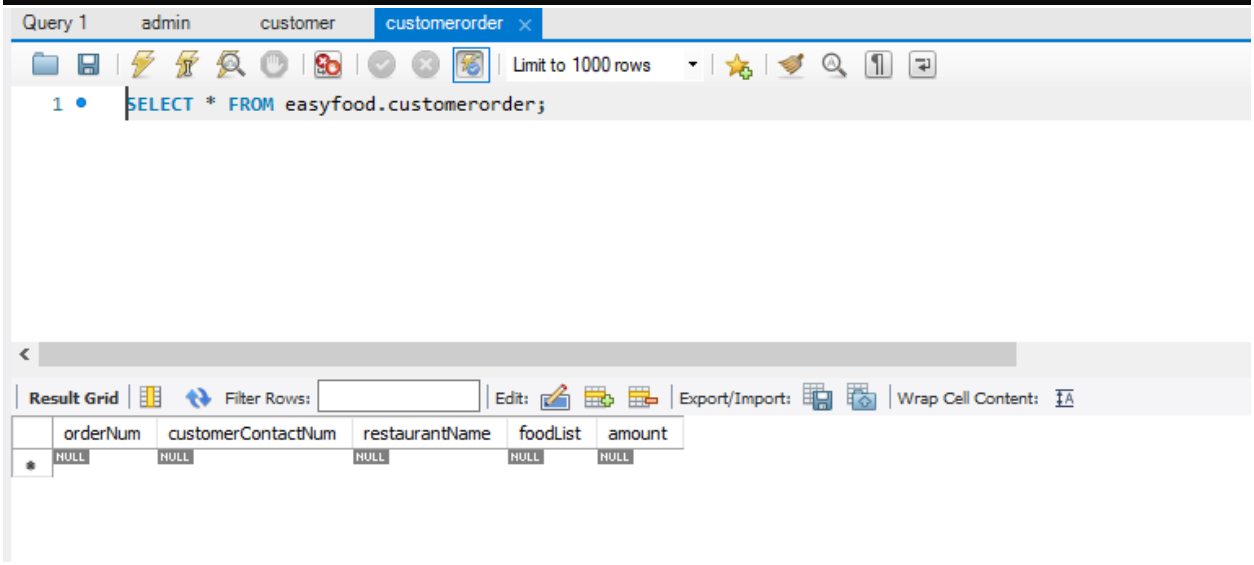
Database design II assignment

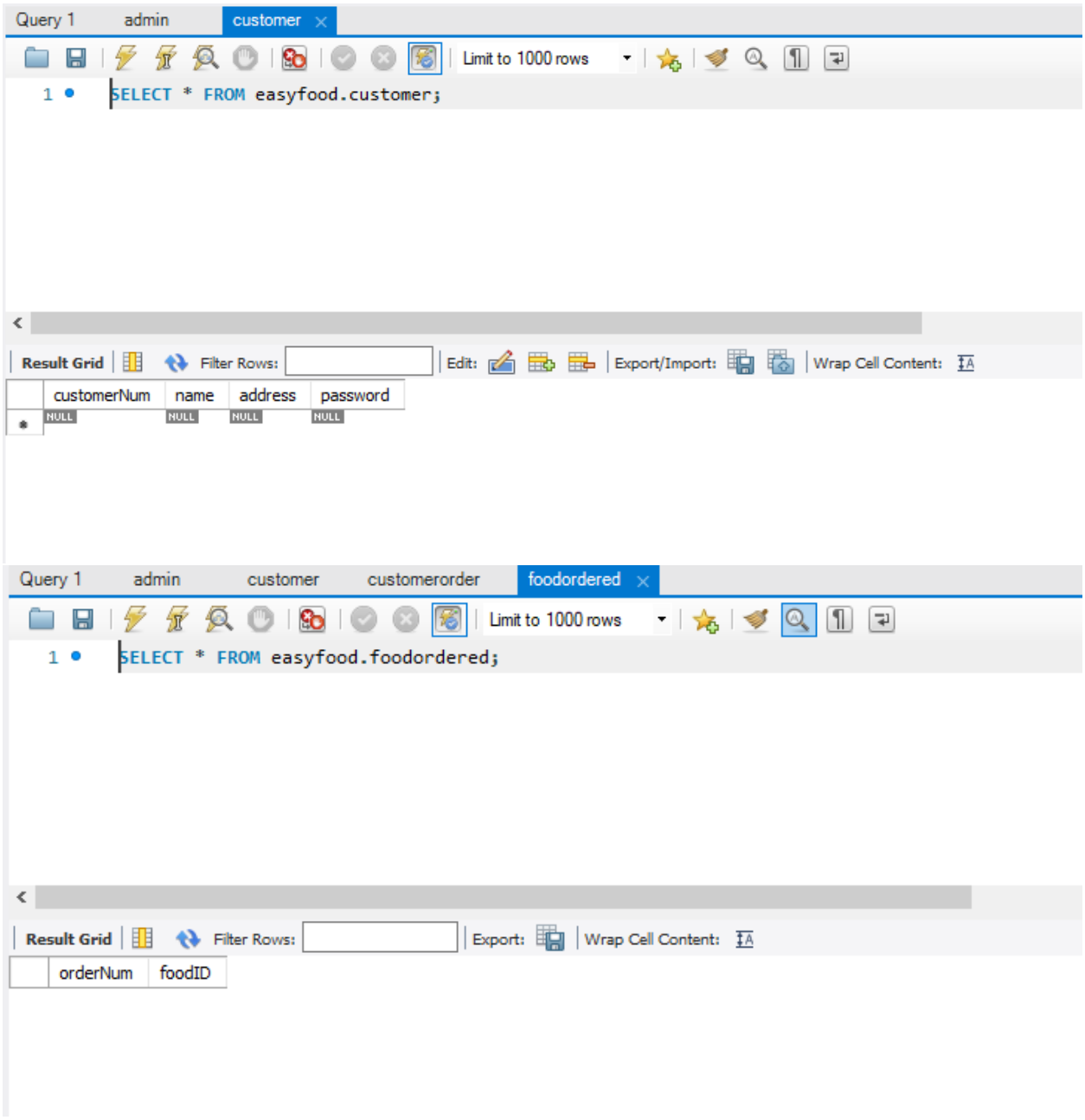
CMPG 223

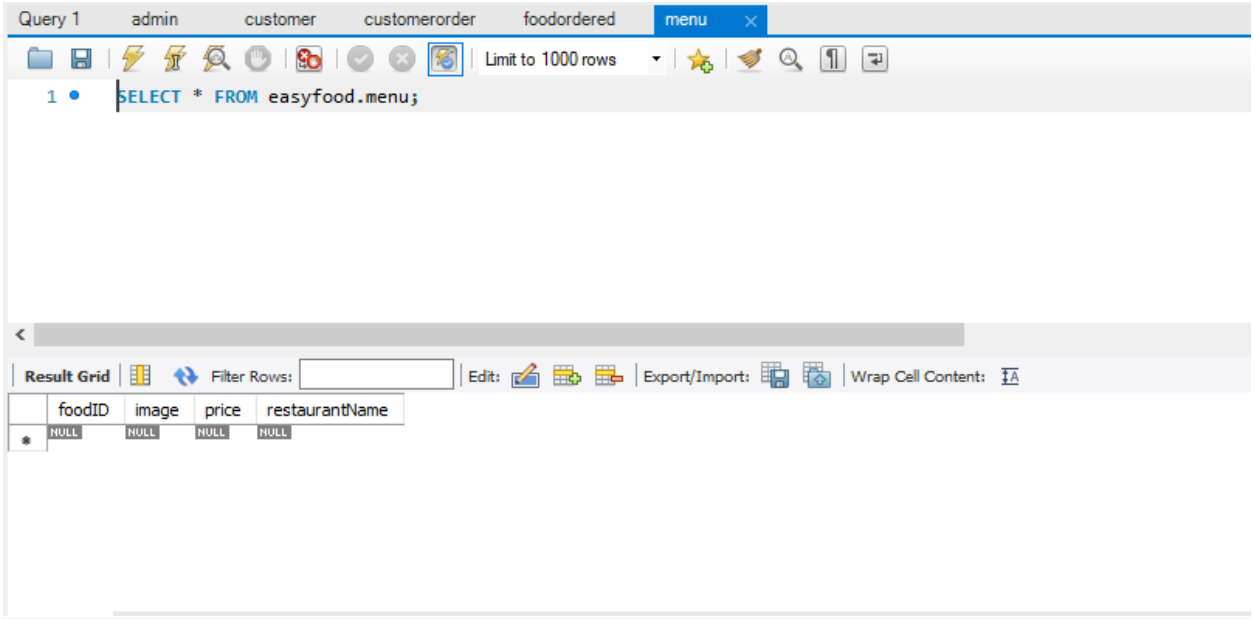
1. 

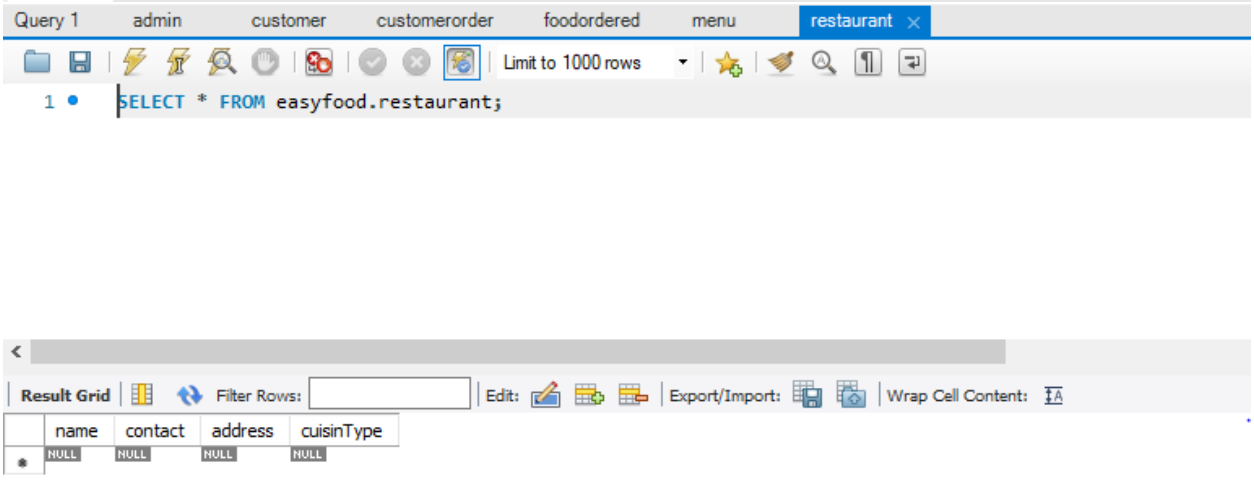

```
mysql> create database easyfood;
Query OK, 1 row affected (0.17 sec)

mysql> use easyfood;
Database changed
mysql> create table admin(
    -> adminContact varchar(10) not null,
    -> adminName varchar(50) not null,
    -> password varchar(255) not null,
    -> PRIMARY KEY(adminContact)
    -> );
Query OK, 0 rows affected (0.59 sec)

mysql> create table Customer(
    -> customerNum varchar(10) not null,
    -> name varchar(50) not null,
    -> address varchar(100) not null,
    -> password varchar(255) not null,
    -> PRIMARY KEY(customerNum)
    -> );
Query OK, 0 rows affected (1.82 sec)

mysql> create table Restaurant(
    -> name varchar(30) not null,
    -> contact varchar(10) not null,
    -> address varchar(100) not null,
    -> cuisinType varchar(30),
    -> PRIMARY KEY(name)
    -> );
Query OK, 0 rows affected (0.60 sec)

mysql> create table service(
    -> Admin_adminContact varchar(10) references admin(adminContact)
    -> ,Restaurant_name varchar(30) references Restaurant(name)
    -> );
Query OK, 0 rows affected (1.62 sec)
```

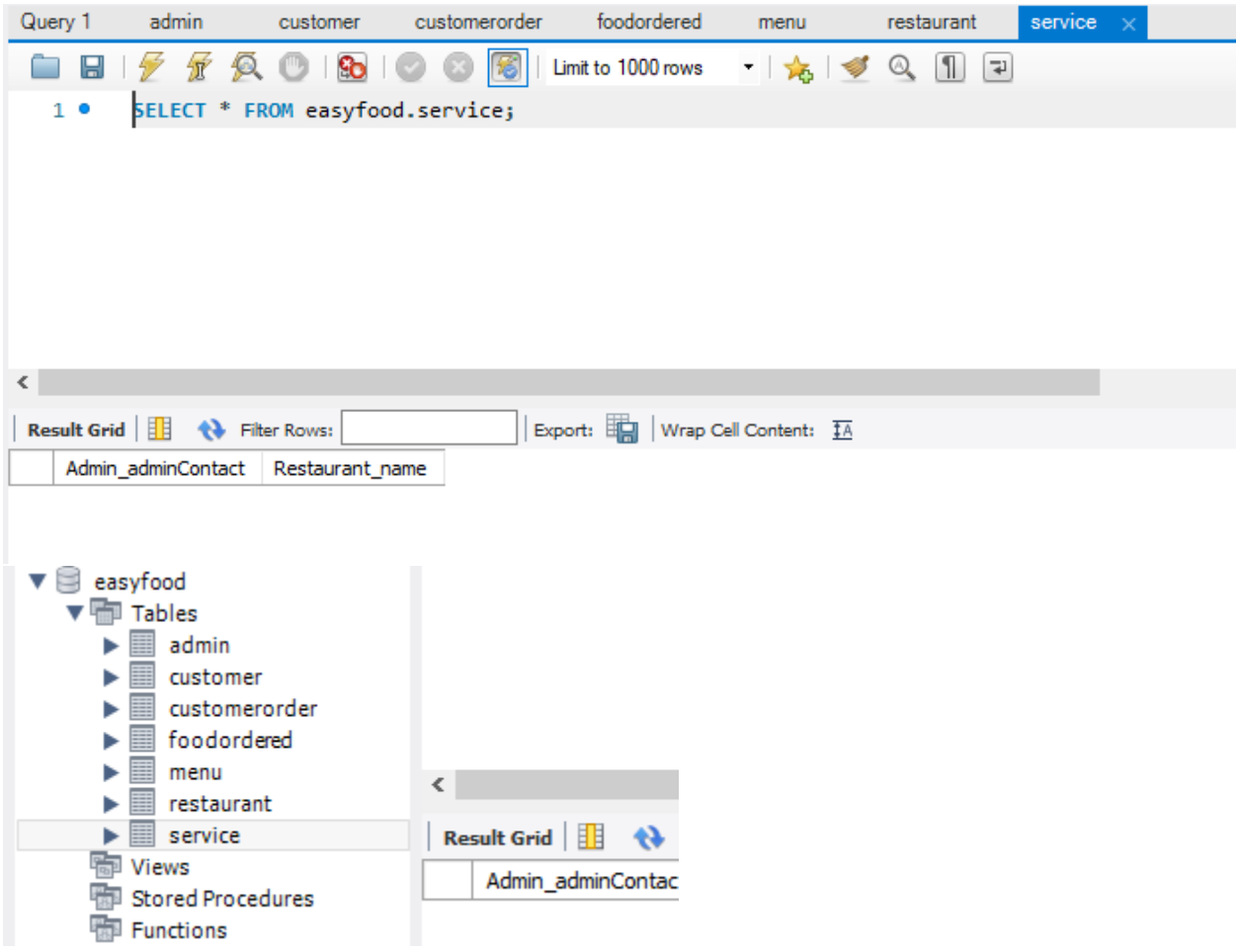
```
mysql> create table Menu(
    -> foodID int not null,
    -> image blob not null,
    -> price decimal(2) not null,
    -> restaurantName varchar(30) references Restaurant(name)
    -> ,PRIMARY KEY(foodID)
    -> );
Query OK, 0 rows affected (0.91 sec)

mysql> create table CustomerOrder(
    -> orderNum int not null,
    -> customerContactNum varchar(10),
    -> restaurantName varchar(30) not null,
    -> foodList varchar(200) not null,
    -> amount decimal(2) not null,
    -> PRIMARY KEY(orderNum),
    -> FOREIGN KEY(customerContactNum) references Customer(customerNum),
    -> FOREIGN KEY(restaurantName) references Restaurant(name)
    -> );
Query OK, 0 rows affected (1.89 sec)

mysql> create table foodOrdered(
    -> orderNum int references CustomerOrder(orderNum),
    -> foodID int references Menu(foodID)
    -> );
Query OK, 0 rows affected (1.07 sec)

mysql>
```




Query 1
admin
customer
Limit to 1000 rows
1 SELECT * FROM easyfood.customer;
Result Grid
Filter Rows:
Edit:
Export/Import:
Wrap Cell Content:
customerNum
name
address
password
NULL
Query 1
admin
customer
customerorder
foodordered
Limit to 1000 rows
1 SELECT * FROM easyfood.foodordered;
Result Grid
Filter Rows:
Export:
Wrap Cell Content:
orderNum
foodID


Query 1
admin
customer
customerorder
foodordered
menu
Limit to 1000 rows
1 SELECT * FROM easyfood.menu;
Result Grid
Filter Rows:
Edit:
Export/Import:
Wrap Cell Content:
foodID
image
price
restaurantName
NULL


Query 1
admin
customer
customerorder
foodordered
menu
restaurant
Limit to 1000 rows
1 SELECT * FROM easyfood.restaurant;
Result Grid
Filter Rows:
Edit:
Export/Import:
Wrap Cell Content:
name
contact
address
cuisinType
NULL


Query 1
admin
customer
customerorder
foodordered
menu
restaurant
service
Limit to 1000 rows
1 SELECT * FROM easyfood.service;
Result Grid
Filter Rows:
Export:
Wrap Cell Content:
Admin_adminContact
Restaurant_name

easyfood
Tables
admin
customer
customerorder
foodordered
menu
restaurant
service
Views
Stored Procedures
Functions
Result Grid
Admin_adminContac