-- Question 1

**SELECT** \* **FROM** Orders o **WHERE** o.restaurantId **IN** (**SELECT** restaurantId **FROM** Restaurants r **WHERE** r.city = "Atlanta");

-- Question 2

**SELECT** \* **FROM** Orders o **WHERE** [menus.name] **LIKE** "%Burger%";

-- Question 3

**SELECT** \* **FROM** Orders o **ORDER** **BY** o.dateAdded **ASC**;

-- Question 4

**SELECT** r.restaurantId, r.name, r.city, c.numberOfOrders

**FROM** (**SELECT** o.restaurantId, **COUNT**(o.restaurantId) **AS** numberOfOrders **FROM** Orders o **GROUP** **BY** o.restaurantId) c

**LEFT** **JOIN** Restaurants r **ON** c.restaurantId = r.restaurantId

**ORDER** **BY** c.numberOfOrders **DESC**

**LIMIT** 10;

-- Question 5

**SELECT** r.restaurantId, r.name, r.city, c.numberOfOrders

**FROM** (**SELECT** o.restaurantId, **COUNT**(o.restaurantId) **AS** numberOfOrders **FROM** Orders o **GROUP** **BY** o.restaurantId) c

**LEFT** **JOIN** Restaurants r **ON** c.restaurantId = r.restaurantId

**WHERE** c.numberOfOrders > 20;

-- Question 6

**SELECT** \* **FROM** Orders o **LEFT** **JOIN** Restaurants r **ON** o.restaurantId = r.restaurantId;

-- Question 7

**SELECT** k.restaurantId, k.name, k.fullAddress, o.categories, [menus.amountMax], [menus.amountMin], [menus.dateSeen], [menus.description], [menus.name], averageMenuPrice

**FROM** Orders o

**LEFT** **JOIN** (**SELECT** restaurantId, **AVG**([menus.amountMax]) **AS** averageMenuPrice **FROM** Orders o **GROUP** **BY** restaurantId) a **ON** r.restaurantId = a.restaurantId

) k **ON** o.restaurantId = k.restaurantId;

-- Question 8

**SELECT** \* **FROM** Orders o **WHERE** o.restaurantId **IN**

(**SELECT** restaurantId **FROM** Restaurants r **WHERE** r.city **IN**

(**SELECT** city **FROM** Restaurants r **WHERE** r.name = "Wildwood Pizza"));

-- Question 9

**SELECT** **avg**((UNIXEPOCH(dateUpdated) - UNIXEPOCH(dateAdded))/86400) **as** averageTimeBetween **FROM** Orders o;

-- Question 10

**SELECT** k.restaurantId, k.name, k.fullAddress, k.latitude, k.longitude, o.categories, [menus.amountMax], [menus.amountMin], [menus.dateSeen], [menus.description], [menus.name], averageMenuPrice

**FROM** Orders o

**LEFT** **JOIN** (

**SELECT** r.name, r.restaurantId, r.latitude, r.longitude, averageMenuPrice, (r.address || ' ' || r.city || ' ' || r.country || ' ' || r.postalCode) **AS** fullAddress **FROM** Restaurants r

**LEFT** **JOIN** (**SELECT** restaurantId, **AVG**([menus.amountMax]) **AS** averageMenuPrice **FROM** Orders o **GROUP** **BY** restaurantId) a **ON** r.restaurantId = a.restaurantId

) k **ON** o.restaurantId = k.restaurantId

**WHERE** o.categories **LIKE** "%karaoke%"

**ORDER** **BY** [menus.dateSeen] **ASC**;

-- Question 11

**SELECT** r.name, r.province, c.numberOfOrders

**FROM** (**SELECT** o.restaurantId, **COUNT**(o.restaurantId) **AS** numberOfOrders **FROM** Orders o **GROUP** **BY** o.restaurantId) c

**LEFT** **JOIN** Restaurants r **ON** c.restaurantId = r.restaurantId

**ORDER** **BY** c.numberOfOrders **DESC**;

-- Question 12

**SELECT** r.name, [menus.name], [menus.description]

**FROM** Orders o **LEFT** **JOIN** Restaurants r **ON** o.restaurantId = r.restaurantId

**WHERE** [menus.name] **LIKE** "%vegan%pizza%" **OR** [menus.name] **LIKE** "%vegetarian%pizza%