**Part 1: Who? What? Where? When? Why? How? (1.5%)**

Considering a database for a restaurant, write two questions for each of the following groups that might be answered by the data stored in a database. The questions must be unique to their user group.

***Restaurant Manager***

1. Who is the restaurant manager? (First name / Last name)
2. What is the manager’s phone number?
3. When did the manager start working at this restaurant?

***Food Server***

1. Who is the food server? (First name / Last name)
2. What is the server’s phone number?
3. What is the gender of the server?
4. What day does the server work?

***Customer***

1. Who is the customer? (First name / Last name)
2. What is the server’s phone number?
3. When is his/her last visit date?
4. Allergy status
5. Caution

**Part 2: Set the Tables (1.5%)**

Considering a database for a public library, identify three tables that would be part of its database.

1. Book
   1. Id (Primary key)
   2. Genre(Category) id(Connect with Genre table)
   3. Book name
   4. Author name
   5. Book number
   6. Status(Available for rental/rental)
   7. Borrower id(Connect with Member table)
2. Genre(Category)
   1. Id(Primary key)
   2. Position
   3. Book count(Connect Book table)
3. Member
   1. Id(Primary key)
   2. FirstName / LastName
   3. Membership status
   4. Rental status
   5. Rental book name(Connect Book table)
   6. a rental day
   7. Return scheduled date
   8. Number of overdue payments

**Part 3: Log the Blog (1.5%)**

Consider a database for a video games blog with multiple blog authors, identify fields (columns) that would belong to the *authors* and *posts* tables (4 each).

***Authors Table***

1. Id
2. Name (First/Last)
3. Email
4. Join date
5. Bio
6. Post count (Number of articles written)

***Posts Table***

1. Author id
2. Title
3. Body
4. Post date
5. Comment count (Number of article’s comments)
6. Hits count (Number of articles’s hits)

**BONUS: Putting it together (0.5%)**

Which field from the Authors table would match up with a field in the Posts table?

Answer: id field from Authors table matches up with an author id field in the Posts table.