Warm Up! Let's review the basic commands. (Easy)

1. Show first name, last name, and gender of patients whose gender is 'M' - Easy #1

   SELECT first_name, last_name, gender
   FROM patients
   WHERE gender = 'M';

2. Show first name and last name of patients who do NOT have allergies. (null) - Easy #2

   SELECT first_name, last_name
   FROM patients
   WHERE allergies IS null;

3. Show first name and last name of patients that weight is within the range of 100 to 120 (inclusive) - Easy #4

   SELECT first_name, last_name
   FROM patient
   WHERE weight between 100 AND 120;

4. Update the patients table for the allergies column. If the patient's allergies IS NULL then replace it with 'NKA' - Easy #5

   UPDATE patients
   SET allergies = 'NKA'
   WHERE allergies is Null;

Let's add a few elements to our search. (Easy)

1. Show first name, last name and weight of patients that weight within the range of 100 to 120 (inclusive) AND gender is 'F' - Ad Hoc from Easy #4

   SELECT first_name, last_name, weight
   FROM patients
   WHERE weight between 100 AND 120 AND gender = 'F';

Let's try something a bit harder. (Easy)

1. **Based on the cities that our patients live in, show unique cities that are in province_id 'NS'? - Easy #14**

   SELECT DISTINCT city
   FROM patients
   WHERE province_id = 'NS';

2. **Write a query to find list of patients first_name, last_name, and allergies from Hamilton where allergies are NOT null - Easy #16**

   SELECT first_name, last_name, allergies
   FROM patients
   WHERE city = 'Hamilton' AND allergies NOT null;

Stretch Challenge. Introduction to ORDER BY and aliases. (Medium)

1. **Show unique birth years from patients and order them by ascending. - Medium # 1**

   SELECT DITSTINCT YEAR(birth_date) AS birth_year
   FROM patients
   ORDER BY birth_year asc;