* **SELECT**: Retrieve all columns from the Doctor table.
* **ORDER BY**: List patients in the Patient table in ascending order of their ages.
* **OFFSET FETCH**: Retrieve the first 10 patients from the Patient table, starting from the 5th record.
* **SELECT TOP**: Retrieve the top 5 doctors from the Doctor table.
* **SELECT DISTINCT**: Get a list of unique address from the Patient table.
* **WHERE**: Retrieve patients from the Patient table who are aged 25.
* **NULL**: Retrieve patients from the Patient table whose email is not provided.
* **AND**: Retrieve doctors from the Doctor table who have experience greater than 5 years and specialize in 'Cardiology'.
* **IN**: Retrieve doctors from the Doctor table whose speciality is either 'Dermatology' or 'Oncology'.
* **BETWEEN**: Retrieve patients from the Patient table whose ages are between 18 and 30.
* **LIKE**: Retrieve doctors from the Doctor table whose names start with 'Dr.'.
* **Column & Table Aliases**: Select the name and email of doctors, aliasing them as 'DoctorName' and 'DoctorEmail'.
* **Joins**: Retrieve all prescriptions with corresponding patient names.
* **GROUP BY:** Retrieve the count of patients grouped by their cities.
* **HAVING:** Retrieve cities with more than 3 patients.
* **UNION:** Retrieve a combined list of doctors and patients. (Search)
* **Common Table Expression (CTE):** Retrieve patients along with their doctors using a CTE.
* **INSERT:** Insert a new doctor into the Doctor table.
* **INSERT Multiple Rows:** Insert multiple patients into the Patient table.
* **UPDATE:** Update the phone number of a doctor.
* **UPDATE JOIN:** Update the city of patients who have a prescription from a specific doctor.
* **DELETE:** Delete a patient from the Patient table.
* **Transaction:** Insert a new doctor and a patient, ensuring both operations succeed or fail together.
* **View:** Create a view that combines patient and doctor information for easy access.
* **Index:** Create an index on the 'phone' column of the Patient table to improve search performance.
* **Backup:** Perform a backup of the entire database to ensure data safety.