**Patient Diagnosis Report**

**Problem statement:**

You are a data analyst working in a hospital and you have been asked to store the patients’ diagnosis reports as a best practice.

**Objective:**

The objective is to design a database to retrieve, update, and modify the patients’ details to keep track of the patients’ health.

1. **-- create a database named Hospital:**
2. **-- select database:**
3. **-- create a patients table with the date, patient ID, patient name, age, weight, gender, location, phone number, disease, doctor name, and doctor ID fields:**
4. **-- insert values into the patients table:**
5. **-- Write a query to display the total number of patients in the table:**
6. **-- Write a query to display the patient ID, patient name, gender, and disease of the oldest (age) patient:**
7. **-- Write a query to display the patients' names along with the total number of characters in their name:**
8. **-- write a query to display the patients name, id along with numeric part separated from p\_id:**
9. **-- Write a query to combine the patient's name and doctor's name in a new column:**
10. **-- Write a query to display the patients’ age along with the logarithmic value (base 10) of their age:**
11. **-- Write a query to extract the year for a given date and place it in a separate column:**
12. **-- Write a query to check the patient’s name and doctor’s name are similar and display NULL, else return the patient’s name:**
13. **-- Write a query to check if a patient’s age is greater than 40 and display Yes if it is and No if it isn't:**
14. **-- Write a query to display duplicate entries in the doctor name column:**