

Patient Diagnosis Report.

- **DESCRIPTION**

The data analyst of a hospital wants to store the patient diagnosis reports with the details of the doctors and the patients for good medical practice and continuity of care.

- **Objective:**

The database design helps to retrieve, update, and modify the patient's details to keep track of the patient's health care routine.

- **Task to be performed:**

1. Write a query to create a **patients table** with the fields such as date, patient id, patient name, age, weight, gender, location, phone number, disease, doctor name, and doctor id.
2. Write a query to **insert** values into the **patients table**.
3. Write a query to display the **total number of patients** in the table.
4. Write a query to display the patient id, patient name, gender, and disease of the patient whose **age is maximum**.
5. Write a query to display patient id and patient name with the **current date**.
6. Write a query to display the **old patient's name** and **new patient's name** in **uppercase**.
7. Write a query to display the patient's name along with the **length of their name**.
8. Write a query to display the patient's name, and the **gender** of the patient must be mentioned as **M or F**.
9. Write a query to **combine the names of the patient** and the doctor 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** from the given date in a separate column.

12. Write a query to return **NULL** if the **patient's name and doctor's name are similar** else return the **patient's name**.
13. Write a query to return **Yes** if the **patient's age is greater than 40** else return **No**.
14. Write a query to display the **doctor's duplicate name** from the table.