**Patient Diagnosis Report**

1. Create a patients table with fields like date, patient ID, name, age, weight, gender, location, phone number, disease, doctor's name, and doctor ID.
2. **create** **table** patients1 (
3. date **date**,
4. patient\_ID **varchar**(20) **primary** **key**,
5. patient\_name **varchar**(50),
6. age **int**,
7. weight **int**,
8. gender **varchar**(20),
9. location **varchar**(30),
10. phone\_number **int**(20),
11. disease **varchar**(50),
12. doctor\_name **varchar**(50),
13. doctor\_ID **int**
14. );

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2. -- insert value in the table

**insert** **into** patients1(

**date**, patient\_id, patient\_name, age, weight, gender, location, phone\_number, disease, doctor\_name, doctor\_id)

**values**

(**"2019-06-15"**, **"AP2021"**, **"Sarath"**, 67, 76, **"Male"**,**"Chennai"**, 5462829, **"Cardiac"**, **"Mohan"**, 21),

(**"2019-02-13"**, **"AP2022"**, **"John"**, 62, 80, **"Male"**, **"banglore"**, 1234731, **"Cancer"**, **"Suraj"**, 22),

(**"2018-01-08"**, **"AP2023"** ,**"Henry"**, 43, 65, **"Male"**, **"Kerala"**, 9028320, **"Liver"**, **"Mehta"**, 23),

(**"2020-02-04"**, **"AP2024"**, **"Carl"**, 56, 72, **"Female"**, **"Mumbai"**, 9293829, **"Asthma"**, **"Karthik"**, 24),

(**"2017-09-15"**, **"AP2025"**, **"Shikar"**, 55, 71, **"Male"**, **"Delhi"**, 7821281, **"Cardiac"**, **"Mohan"**, 21),

(**"2018-07-22"**, **"AP2026"**, **"piysuh"**, 47, 59, **"Male"**, **"Haryana"**, 8912819, **"Cancer"**, **"Suraj"**, 22),

(**"2017-03-25"**, **"AP2017"**, **"Stephen"**, 69, 55, **"Male"**, **"Gujarat"**, 8888211, **"Liver"**, **"Mehta"**, 23),

(**"2019-04-22"**, **"AP2028"**, **"Aaron"**, 75, 53, **"Male"**, **"Banglore"**, 9012192, **"Asthma"**, **"Karthik"**, 24);

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3. **select** \*

**from** fullstack.patients1 *p* ;

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4. Display the total number of patients in the table.

**select** **count**(patient\_id)

**from** fullstack.patients1 *p* ;

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5. displaying patient names with the current date

**select** patient\_ID ,patient\_name, **curdate**()

**from** fullstack.patients1 *p* ;

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6. Write a query to display the old patient name and the new patient name in uppercase

**select** patient\_name **as** *old\_patient\_name*,**upper**(patient\_name)**as** *new\_patient\_name*

**from** fullstack.patients1 *p* ;

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7. Write a query to display the patients' names along with the total number of characters in their name

**select** patient\_name, **length**(patient\_name)**as** *number\_of\_character*

**from** fullstack.patients1 *p* ;

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8. Write a query to combine the patient's name and the doctor's name in a new column

**select** patient\_name, doctor\_name, **concat**(patient\_name,**" "**,doctor\_name) **as** *new\_column*

**from** fullstack.patients1 *p* ;

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9. Write a query to extract the year for a given date and place it in a separate column

**select** **date**, **year**(**date**)

**from** fullstack.patients1 *p* ;

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10. Write a query to display duplicate entries in the doctor name column

**select** **distinct** doctor\_name

**from** fullstack.patients1 *p* ;

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