

Working with Procedures & Functions in MySQL

Consider the COVID-19 database in India. Students are advised to read all the questions and then create a table with necessary details.

Patient (P_ID, Patient_Name, Sex, Age, Area, City, H_ID)

Test_Report (T_ID, P_ID ,H_ID, Reporting_date, Test_result, Discharge_date)

Hospital (H_ID, Hospital_Name, Location, State)

1. Create a procedure to display the details of a patient record for a given Patient ID.
2. Create a procedure to add details of a new patient record into patient table.
3. Write a procedure that lists the highest cases reported in a district of any particular state. Use the procedure named Find_highest which finds the highest cases for the given State.
4. Write a procedure to list the hospital, which has fastest recovery.
5. Create a procedure to delete a record from patient table
6. Write a function to display the patient details from the Patient table.
7. Write a function to list the state, which has reported with maximum child COVID cases.
8. Write a function to find the hotspot area in a district based on the Test results.
9. Write a function to display total number of male and female patients tested for COVID of which how many are reported with positive in a particular state.
10. Write a function to display the average days for the recovery of child, adults and senior citizen of a particular hospital.