

Practical – 4: CRUD operation using DDL and DML Commands

1. Add a column in Hospital_Detail --> H_EmailID varchar(50)
2. Write an update query for Hostel_Detail and update tuples as follows;
H_ID-->H_EmailID
101--> samarpan@gmail.com
102--> nakshatra@yahoo.in
103--> civilmorbi@gov.in
104--> amity@gmail.com
105--> generalrajkot@gov.in
3. Add a column in Room_Detail --> H_ID int
4. Write an update query for Room_Detail and update tuples as follows;
R_ID-->H_ID
2001-->101
2002-->103
2003-->104
2004-->103
2005-->102
2006-->104
2007-->102
2008-->101
2009-->105
2010-->105
5. Update Patient Address from 'Taj road' to 'Green city main Road' whose P_ID = 5009.
6. Delete record/s from Doctor_Detail where D_ID=3010.
7. Delete record/s from Appointment_Detail where A_ID = 4008.
8. Change the datatype from varchar to nvarchar for all tables and keep the size of 50.
9. Change datatype from datetime to date for; Appointment_Detail --> A_Date
10. Drop column 'P_MiddleName' from Patient_Detail.
11. Drop column 'D_Gender' from Doctor_Detail.
12. Rename column from Tr_B_Amount to Tr_Bill_Amount in Transaction_Detail.
13. Display all Hospital_Detail and Room_Detail.
14. Display all R_ID, R_Number, R_Availability from Room_Detail.
15. Display all Hospital Names and contact numbers which are private hospitals from Hospital_Detail.
16. Display the patient name, LastName, ContactNo, Disease and City who are from 'Ahmedabad'.
17. Display the Patient ID, Name, ContactNo and City from Patient_Detail who suffers from 'Tooth Break' disease.
18. Display all details of Non-AC type Room from Room_Detail.
19. Display all details of Doctors whose Designation is 'Ortho' from Doctor_Detail.
20. Rename Table from Transaction_Detail to Transaction_Master.

Practical – 5: Aggregate Function

1. Find the total number of doctors from Doctor_Detail.
2. Count the patient's disease from Patient_Detail.
3. Count the patient disease remarks from Patient_Detail.
4. Find the sum of all pending amounts from Bill_Detail.
5. Find the average of room charges from Room_Detail.
6. Display max salary, min salary and average salary from Doctor_Detail.