Week 6 – JOINS

Observation (5)

1. Explain joins in SQL? List its types and depict an example for each of the joins using Venn diagram.
2. Write the syntax for each of the Joins.

Execution (15)

Write & Execute queries for the following questions using Hospital Management System Database

1. List of patients who are admitted on a particular date.

2. List all the patients below age of 18

3. Obtain the number of days that each doctor works in the hospital

4. List female patients over the age of 40 that have undergone some surgery in the past year

5. List the names of the registered and doctor on call with phone number

6. List the details of the patient admitted on particular date

7. List the patient number and department details of the patient paid advance payment greater then 25000

8. Display the details of patient discharge summary

9. Display the details of patient who discharged in the particular month

10. List the details of patient visited the hospital on the particular date

11. List the patient details operated on the particular date

12. Display the details of patient admitted in the particular room

13. Display the details of patient investigated on particular date

14. List the details of the doctor worked in the particular department

15. Display the doctor number and doctor name of registered and doctor on call working in same department

16. Display the payment details of the doctor on call in the particular month

17. List the female patients visited the hospital from same city

18. Display the wages paid details of the doctors in a particular month

19. Display the patient details serviced by the particular doctor

20. Display the admitted patient details payment done though netbanking

Spot (5)

Create relations with appropriate data types and integrity constraints and populate the database with sufficient tuples in each table

        PEOPLE (Adhar-id, name, Address, age, Gender)

        PATIENT (pid , Adhar-id, pname, age, gender, city, Date-of-admn, H-code)

        TEST (Adar-id, tid, DoT, result)

        HOSPITAL (H-code, H-name, patient-count, capacity, city, pincode)

Write a query to

1. Find people who are all affected and admitted in hospital as patient using inner join
2. Show all people along with details if they are patient otherwise null using left join
3. List hospitals name and city with patient adhar id who are admitted in it
4. List the patient details who are having positive result on covid test.

Happy Learning!