

SQL MINI PROJECT – HOSPITAL DB

-- Q1 Fetch total number of patients from PATIENT Table whose gender is 'MALE'

SELECT

 COUNT(name) AS total, gender

FROM

 patient

WHERE

 gender = 'male';

-- Q2 Fetch address,total number of patients from PATIENT Table address-wise.

SELECT

 address, COUNT(name)

FROM

 patient

GROUP BY address;

-- Q3 Fetch the ID from Medical History Table where no surgeries performed.

SELECT

 id

FROM

 medical_history

WHERE

 surgeries = 'none';

-- Q4 Fetch the gender and show total number of male and female doctors from DOCTOR Table.

SELECT

gender, COUNT(gender) AS total

FROM

doctor

GROUP BY gender;

-- Q5 Fetch name from PATIENT Table and Surgery from MEDICAL HISTORY Table where Surgery is 'None'.

SELECT

p.name, m.surgeries

FROM

patient p

INNER JOIN

medical_history m ON p.id = m.id

WHERE

m.surgeries = 'none';

-- Q6 Fetch the Name from PATIENT Table and Condition from MEDICAL HISTORY Table and give all the matching records.

SELECT

p.name, m.conditions

FROM

patient p

INNER JOIN

medical_history m ON p.id = m.id;

-- Q7 Fetch Name, Address from PATIENT Table and Condition from MEDICAL HISTORY who haven't undergo any surgery.

```
SELECT
    p.name, p.address, m.conditions
FROM
    patient p
    INNER JOIN
    medical_history m ON p.id = m.id
WHERE
    m.surgeries = 'none';
```

-- Q8 Fetch all the records from APPOINTMENT and DIAGNOSIS Table (identify which join would be relevant)

```
SELECT
    *
FROM
    appointment a
    LEFT JOIN
    diagnose d ON a.id = d.appt
UNION SELECT
    *
FROM
    appointment a
    RIGHT JOIN
    diagnose d ON a.id = d.appt;
```

-- Q9 Explain any 2 insights you generated from the data.(what did you get to know or what did you found out after analyzing the data or performing queries).

-- In hospital maximum number of patients are from Maharashtra.

-- There are more male doctors than female doctors.

-- Q10 What is the main goal of creating a Hospital Management System?

-- ans. The main goal to create hospital management system to manage the doctors in hospitals and

-- patients by knowing their previous medical history and other related data.