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.idWHERE

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 Maharastra.

--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 manegment system to manage the doctors in hospitals and--patients by knowing there previous medical history and other related data.