```
CREATE TABLE Hospital(
HospitalName    VARCHAR(100),
Location        VARCHAR(100),
Department      VARCHAR(100),
DoctorsCount    INT,
PatientsCount   INT,
AdmissionDate   DATE,
DischargeDate   DATE,
MedicalExpenses NUMERIC(10,2)

);

INSERT INTO
Hospital(HospitalName,Location,Department,DoctorsCount,PatientsCount,AdmissionDate,Discharge
Date,MedicalExpenses)
SELECT * from Hospital;

-- 1.
-- Total Number of Patients

SELECT SUM(patientscount) AS Total_PC
From Hospital;

-- 2.
-- Average Number of Doctors per Hospital
SELECT * from Hospital;
SELECT AVG(doctorscount) AS AVG_C_DR
FROM Hospital;

-- 3.
-- Top 3 Departments with the Highest Number of Patients
```

```
SELECT hospitalname,location,department,patientscount FROM hospital ORDER BY patientscount
DESC LIMIT 3;


-- 4.

-- Hospital with the Maximum Medical Expenses

SELECT hospitalname,location,medicalexpenses FROM Hospital ORDER BY medicalexpenses DESC
LIMIT 1;


-- 5.

-- Daily Average Medical Expenses

SELECT AVG(medicalexpenses) FROM Hospital;


-- 6.

-- Longest Hospital Stay

SELECT * from Hospital;

SELECT hospitalname,TO_DATE(('dischargedate','yyyy-mm-dd')-TO_DATE('admissiondate','yyyy-mm-
dd') AS Longest_stay

FROM Hospital

ORDER BY dischargedate DESC;


-- 7.

-- Total Patients Treated Per City


SELECT location, patientscount FROM hospital;


select * from hospital;

-- 8.

-- Average Length of Stay Per Department

SELECT department AVG(TO_DATE('dischargedate','YYYY-MM-DD') -
TO_DATE('admissiondate','YYYY-MM-DD'))

From Hospital;
```

```
-- 9.
-- Identify the Department with the Lowest Number of Patients
SELECT department,patientscount From hospital ORDER BY patientscount ASC;

-- 10.
-- Monthly Medical Expenses Report

SELECT hospitalname,medicalexpenses,dischargedate AS Monthly_Exp
From Hospital;
```