CREATE DATABASE online2

USE online2

CREATE TABLE Doctor\_AddressTB(

DoctorID int NOT NULL IDENTITY(15,5) PRIMARY KEY,

Address\_ varchar(20) NOT NULL,

City varchar(20) DEFAULT 'Dhaka',

Postcode int NOT NULL

);

INSERT INTO Doctor\_AddressTB(Address\_, Postcode)

VALUES ('Mohammadpur', 1204),

('AtiBazar', 1302),

('Dhanmondi', 1402),

('Hair Street', 1203)

CREATE TABLE Clinic\_AddressTB(

ClinicID int NOT NULL,

Services\_ varchar(50) NOT NULL,

Rooms int NOT NULL,

EntryFee int NOT NULL,

Address\_ varchar(50) NOT NULL,

DoctorID int NOT NULL FOREIGN KEY REFERENCES Doctor\_AddressTB(DoctorID)

);

INSERT INTO Clinic\_AddressTB(ClinicID, Services\_, Rooms, EntryFee, Address\_, DoctorID)

VALUES (20, 'Inpatient', 4, 1500, 'Gulshan', 20),

(22, 'Outpatient', 5, 400, 'Dhanmondi', 15),

(26, 'Hospice', 6, 1800, 'Mohammadpur', 30),

(27, 'Outpatient', 3, 650, 'Gulshan', 20),

(31, 'Inpatient', 2, 320, 'Mottijheel', 30),

(35, 'Hospice', 5, 900, 'Hair Street', 25)

--query 1

SELECT \* FROM Clinic\_AddressTB

WHERE EntryFee LIKE '1%'

--query 2

SELECT \* FROM Doctor\_AddressTB

WHERE Address\_ LIKE '\_o%' AND LEN(Address\_) > 7

--query 3

SELECT Services\_, Rooms FROM Clinic\_AddressTB

WHERE DoctorID IN (15, 28, 22, 30, 45)

--query 4

SELECT Services\_, MAX(Rooms) as MaxRoom, MIN(DoctorID) as MinDoctorId, AVG(EntryFee) as AverageFee FROM Clinic\_AddressTB

GROUP BY Services\_

--query 5

SELECT DoctorID FROM Clinic\_AddressTB

WHERE Services\_ <> 'Inpatient' OR EntryFee < 1500