Chit 23 –

create database hospital;

use hospital;

create table physician(

-> reg\_no int auto\_increment primary key,

-> name varchar(100),

-> tel\_no int,

-> city varchar(100)

-> );

create table patient(

-> p\_name varchar(100) primary key,

-> street varchar(100),

-> city varchar(100)

-> );

create table visit(

-> p\_name varchar(100),

-> reg\_no int,

-> date\_of\_visit date,

-> fee int,

-> foreign key(p\_name) references patient(p\_name),

-> foreign key(reg\_no) references physician(reg\_no)

-> );

insert into physician(name, tel\_no, city)

-> values ('Amit', 45697, 'Pune'),

-> ('Raju', 47964, 'Mumbai'),

-> ('Ashish', 23974, 'Nashik'),

-> ('Chitra', 17794, 'Nagpur');

insert into patient

-> values ('Sneha', 'Ravet', 'Pune'),

-> ('Savita', 'Lalbaug', 'Mumbai'),

-> ('Pooja', 'Pimpri', 'Pune'),

-> ('Sagar', 'Koregaon', 'Mumbai');

insert into visit

-> values ('Sneha', 1, '2017-07-13', 300),

-> ('Savita', 2, '2017-07-13', 500),

-> ('Pooja', 3, '2021-03-23', 400),

-> ('Sagar', 4, '2022-06-14', 1000);

QUERIES

• Find the name and city of patients who visited a physician on 13 July 2017.

select patient.p\_name, city from patient

-> join visit on patient.p\_name = visit.p\_name

-> where date\_of\_visit = '2017-07-13';

• Get the name of the physician and the total no. of Patients visited him. Give the details of

date wise fees collected at clinic.

select name, count(\*) as total\_no\_of\_patients

-> from physician

-> join visit on physician.reg\_no = visit.reg\_no

-> group by visit.reg\_no;

select date\_of\_visit, sum(fee) as total\_fees

-> from visit

-> group by date\_of\_visit;

• Show details of all visitors details.

select patient.p\_name, street, city

-> from patient

-> join visit on patient.p\_name = visit.p\_name;