Procedure to list appointments based on date.

**Appointment** (app\_id varchar(5), date date, time timestamp, status varchar(10), delay\_time timestamp)

Foreign keys: Doctor’s id, patient’s id, Receptionist’s Id.

Create procedure view\_appointments(in date date)

BEGIN

Select \* from appointment where date= date;

END

Call view\_appointments(date, app\_id, time, status, dr\_id, pat\_id, rec\_id);

Function to find room no. based on patient id.

**Inpatient** (inPat\_id int(3),pat\_id varchar(5), bed\_id varchar(5), time time, admission\_date date, discharge\_date date)

**Bed** (bed\_id varchar(5), status int(1), room\_id varchar(5))

CREATE FUNCTION find\_room(pat\_id varchar(5)) RETURNS VARCHAR(5)

    DETERMINISTIC

BEGIN

    DECLARE room\_id varchar(5);

SELECT room\_id FROM Bed WHERE Bed=(SELECT bed\_id FROM Inpatient WHERE patId = pat\_id);

RETURN (room\_id);

END