**HOSPITAL DATABASE APPLICATION**

1. Create the tables below and insert data

1. Patient(patient-no,name,dob,age,place) with primary key patient-no
2. Doctor(doct-id,specialization,salary) with primary key doct-id
3. Treatment (patient-no, doct-id,from-date,to-date) patient-no foreign key refrences patient.

i)Develop SQL Queries for the following

1.Find the details of patients treated by the doctor with maximum salary

2.Find the details of doctors who treated patients within the period 04/06/2022 to 03/10/2022

3.Find the details of patients discharged on august

ii). Create triggers for the following

1. Deletion is possible from patient table if dob is less than 01/01/1910
2. Updation is possible on doctor table if the specialization is pediatric

1.select doctor\_id, specialization from doctor where doctor\_id in

(select doctor\_id from treatment where from\_date >='04-jun-20022 and date\_to <= '03- oct-2022');

2.select doctor\_id,(count(patient\_no)) from treatment group by doctor\_id order by count(patient\_no) desc;

3.select \* from patient where patient\_no in

(select patient\_no from treatment where substr(date\_to, 4,3) like 'aug');

TRIGGER 1

create or replace trigger delpatient before delete on patient

for each row

begin

if :old.d\_o\_b >'01-jan-1910' then

raise\_application\_error(-20101, 'not possible');

end if;

end;

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TRIGGER 2

create or replace trigger updoctor before update on doctor

for each row

begin

if :old.specialization !='pediatric' then

raise\_application\_error(-20101, 'updation not possible');

end if;

end;

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