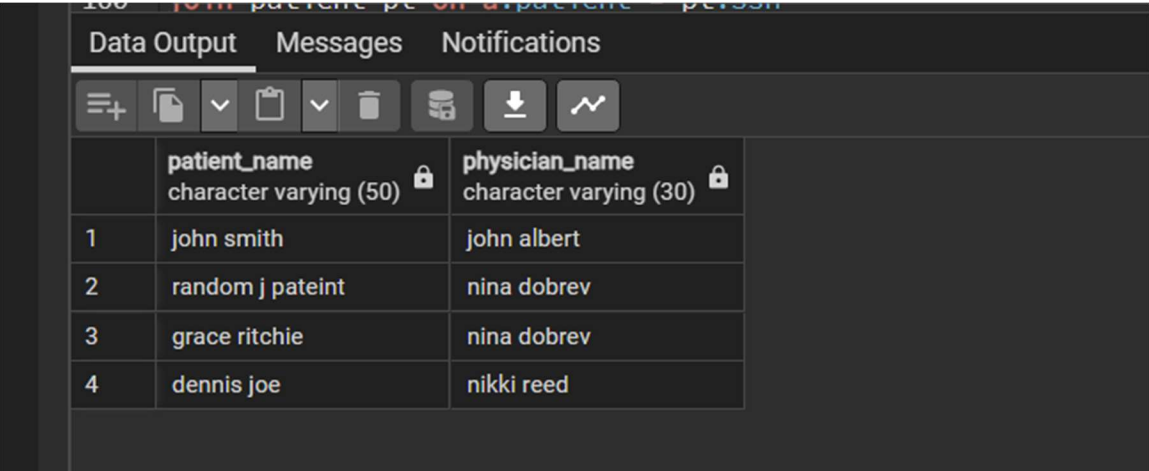----------------Queries for healthcare----------------

-39-write sql query to identify those patients whose primary care is provided by a physician who is not head of any department.

select p1.name patient_name, p2.name physician_name

from patient p1

join physician p2 on p1.pcp = p2.employeeid

where p1.pcp not in(select head from department);

	patient_name character varying (50)	physician_name character varying (30)
1	john smith	john albert
2	random j pateint	nina dobrev
3	grace ritchie	nina dobrev
4	dennis joe	nikki reed

Q) write sql query to identify with at least 2 appointments who provided primary care should be identified

select pt.name patient,p.name primary_physician

from appointment a

join patient pt on a.patient = pt.ssn

join physician p on pt.pcp = p.employeeid

where a.patient in(select patient from appointment a

group by a.patient

having count(*)>=2)

order by pt.name;

	patient character varying (50) 🔒	primary_physician character varying (30) 🔒
1	dennis joe	nikki reed
2	dennis joe	nikki reed
3	dennis joe	nikki reed
4	grace ritchie	nina dobrev
5	grace ritchie	nina dobrev

---37 write sql query to find those patients who have undergone a treatment costing more than $5000,as well the name of the physician

select pt.name patient_name,p.name physician_name,t.name treatment_name,t.cost treatment_cost

from patient pt

join physician p on pt.pcp = p.employeeid

join treatment t on pt. ssn = t.patientid

where t.cost>5000

	patient_name character varying (50) 🔒	physician_name character varying (30) 🔒	treatment_name character varying (100) 🔒	treatment_cost integer 🔒
1	john smith	john albert	follicular demiectomy	5500
2	random j pateint	nina dobrev	reversible pancreomyoplasty	5600
3	dennis joe	nikki reed	complete walletectomy	10000

19----find the patients and their treating physician and medication for patients give by their physician

select p.name patient_name, p1.name physician_name,m.name medicine_name

from patient p

join prescribes s on s.patient = p.ssn

join physician p1 on s.physician = p1.employeeid

join medication m on s.medication = m.code

	patient_name character varying (50)	physician_name character varying (30)	medicine_name character varying (50)
1	john smith	john albert	procrastin-x
2	dennis joe	jackson albert	thesisin
3	dennis joe	damon micheal	thesisin

28----find out the name of the patients and their room number where they admitted

select p.name patient_name , r.roomno room_no, r.roomtype room_type

from inpatient ip

join patient p on ip.patient = p.ssn

join room r on ip.room = r.roomno

	patient_name character varying (50)	room_no integer	room_type character varying (100)
1	john smith	111	single
2	random j pateint	123	single
3	dennis joe	112	single

36 From the following table, write a SQL query to determine which patients have been prescribed medication by their primary care physician. Return Patient name as "Patient", and Physician Name as "Physician".

select p.name phyisican_name,pt.name patient_name, m.name medication_name

from patient pt

join prescribes pr on pt.ssn = pr.patient

join medication m on pr.medication = m.code

join physician p on pt.pcp = p.employeeid

where pt.pcp = pr.physician and pt.pcp = p.employeeid

Data Output   Messages   Notifications

	phyisican_name character varying (30) 🔒	patient_name character varying (50) 🔒	medication_name character varying (50) 🔒
1	john albert	john smith	procrastin-x