

Problem 1

Write down the required DDL and DML instructions based on the following relations:

PATIENT (

P_ID: String (not null),

P_NAME: String,

P_DOB: date,

P_AILMENT: String,

P_BILL: number,

P_CONTACT: String,

P_ADDR: String

)

Now write SQL queries to do the following on the above relations:--

i. Create the relation PATIENT and insert following records in the relation (table).

P_ID	P_NAME	P_DOB	P_AILMENT	P_BILL	P_CONTACT	P_ADDR
P001	H. Das	13/07/1965	HEART	23000	Kolkata	Patna
P002	P. Sen	31/07/1981	LUNG	18000	Kolkata	Kolkata
P003	M. Ray	12/12/1963	HEART	19950	Patna	Odisha
P004	Md. Ali	01/11/1989	ENT	21000	Jharkhand	Jharkhand
P005	D. Clerk	23/09/2000	HEART	15000	Kolkata	Kolkata
P005	K. Reddy	17/02/1998	LUNG	24500	Siliguri	Assam
P006	T. Ghosh	19/05/1995	HEART	19900	Kolkata	Kolkata
P007	M. Sekh	23/04/1976	ENT	12000	Patna	Bihar
P008	L. Paul	22/11/1987	LUNG	23000	Siliguri	Assam
P009	G. Giri	30/08/1992	HEART	27000	Durgapur	Durgapur
P010	N. Koley	25/05/2002	ENT	18000	Asansol	Asansol

ii. Find all the existing information in the table.

iii. Find all the patients who can avail senior citizen discount.

[Hint: Patient with ≥ 60 Years of age are considered senior citizens.]

iv. Find all the patients who have heart ailment and are from Kolkata.

v. Find id, name, bill of all the patients who have a bill of more than Rs. 20000/- and are from outside Kolkata.

vi. Find all the patients who were born between 1980 and 1990.

vii. Find all the patients who have a contact person in Kolkata.