

Question

Doc no.	Name	Address	Phone	Department Id	Designation	Charges Per hour	Patient No.	Patient Name	CNIC	Phone	Room No.	Room Type	Bed No.
D1	Dr.Nadeem	Abc 123	0333-123, 042-123	Neurology	Professor	5000	P1	Kahlid	12345-1	042-1	R2	Normal	B1
							P5	Ahmed	12345-2	042-2			
							P7	Anum	12345-3	042-3	Nil		Nil
D2	Dr.Nadeem	Kb13	0334-124, 0300-123	Orthopedic	Professor	5000	P4	Mehmood	12345-4	042-4	R2	Normal	B1
							P7	Anum	12345-3	042-3	R4	Two bed	B5
							P9	Khawar	12345-6	042-5			B7
D4	Dr.Erum	Ak123	0321-123	ENT/ Neurology	Asth. Professor	3000	P10	Tanweer	12345-7	042-6	Nil		Nil
							P1	Khalid	12345-1	042-1	R5	Special	B8
D5	Dr.Hafeez	Nd123	0321-124	Skin/ Orthopedic	Asth. Professor	3000	P12	Sohail	12345-9	042-8	Nil		Nil
							P13	Ahmed	12346-0	042-9	R6	Special	B9

- Normalise the above table upto BCNF.
- Identify and mention the appropriate dependencies in each level of normalization.
- After every normalization level, illustrate the resulting tables with all values
- Elaborate each step clearly and mention any assumption you make to solve the problem.
- Answers can either be submitted as scanned copies of normalization done on paper or as documents where the tables are drawn using tools

Please find the link below to the spreadsheet with Answer Tables

https://docs.google.com/spreadsheets/d/1NYLtCjoSbhabo8RRT4pB504Zzhfa3bKWbJ_pgQ3FWXo/edit?usp=sharing