DBMS Lab Exam

Tables of the Database

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Roll: 17BCS009

Table 1: Patient

* Added Age, Gender and Did columns and one Pid number
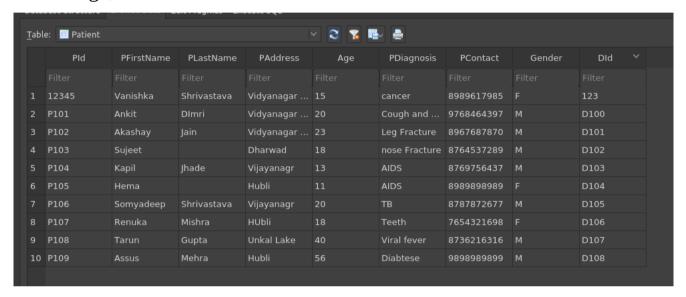
	PId	PFirstName	PLastName	PAddress	Age	PDiagnosis	PContact	Gender	DId
	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter
1	12345	Vanishka	Shrivastava	Vidyanagar ...	15	cancer	8989617985	F	123
2	P101	Ankit	DImri	Vidyanagar ...	20	Cough and ...	9768464397	M	D100
3	P102	Akashay	Jain	Vidyanagar ...	23	Leg Fracture	8967687870	M	D101
4	P103	Sujeet		Dharwad	18	nose Fracture	8764537289	M	D102
5	P104	Kapil	Jhade	Vijayanagr	13	AIDS	8769756437	M	D103
6	P105	Hema		Hubli	11	AIDS	8989898989	F	D104
7	P106	Somyadeep	Shrivastava	Vijayanagr	20	TB	8787872677	M	D105
8	P107	Renuka	Mishra	HUbli	18	Teeth	7654321698	F	D106
9	P108	Tarun	Gupta	Unkal Lake	40	Viral fever	8736216316	M	D107
10	P109	Assus	Mehra	Hubli	56	Diabtese	9898989899	M	D108

Table 2: Doctor

* Added DoTreatment and one Did number

	Did	DFirstName	DLastName	DSex	DQualification	DContact	DoTreatment
	Filter	Filter	Filter	Filter	Filter	Filter	Filter
1	D100	Dheeraj	Chaudhary	M	MBBS	8989898989	cancer
2	D101	Somyadeep	Yadav	M	BDS	8374623782	cough and c...
3	D102	Umesh	Shrivastava	M	BMBS	7355626877	cancer
4	D103	Ankit	NULL	M	MBChb	9836789267	AIDS
5	123	Disha	Patani	F	Surgeons	7845733333	Leg Fracture
6	D105	Mohan		M	MBBS	7887878787	cancer
7	D106	Himesh	Chaudhary	M	BDS	8728787827	Teeth
8	D107	Rohan	mishra	M	BMBS	8989898987	Nose Fracture
9	D108	Rajdeep	Das	M	Surgeons	9899898998	Leg Fracture
10	D109	Ananya	Pandey	F	Surgeons	7787878788	Leg Fracture

Table 3: Nurse

	NId	NFirstName	NLastName	NSalary	NContact
	Filter	Filter	Filter	Filter	Filter
1	N100	Suman	Kumari	20000	9453627180
2	N101	Monal	Yadav	18000	8976776867
3	N102	Suhani	Chaddha	50	9656457988
4	N103	Rekha	Pandey	10000	9898989998
5	N104	Mohini		15000	7865432178
6	N105	Urmila	Mishra	15000	7979797999
7	N106	Aditi		20000	9829292929
8	N107	Riya	Gupta	50	8999999999
9	N108	Rihea	Yadav	18000	7878727877
10	N109	Pooja	Kumari	10000	8839893899

Table 4: Hospital

Table: Hospital

	HName	HCity	HAddress
	Filter	Filter	Filter
1	kiims	Hubli	Vidyanagar,...
2	SAHYADRI ...	Karveer	Balinge, Ma...
3	Fortis Hospi...	Bengluru	No 154/9, B...
4	Life Care Ho...	Bengluru	No.23/24, 2...
5	Prashanth H...	Belgaum	No.90/D, Ho...
6	Manohar Care	Hubli	Gokul Road
7	Somya Care	Hubli	Vidyanagar,...
8	Sujeet care ...	Belgaum	Balinge, Ma...
9	Ankit Hospital	Bengluru	Vidyanagar,...
10	Zindgi ka H...	Hubli	Hubli

Table 5: Medical Record

	PId	Problem	teOfExaminati
	Filter	Filter	Filter
1	12345	cancer	2018-01-13
2	P101	Cough and ...	2016-07-03
3	P102	Leg Fracture	2017-06-05
4	P103	nose Fracture	2019-12-12
5	P104	AIDS	2018-10-10
6	P105	AIDS	2019-08-12
7	P106	TB	2019-07-07
8	P107	Viral	2019-08-05
9	P108	Viral fever	2019-10-12
10	P109	Diabtese	2019-10-20

Output 1:

Query1:   SELECT * FROM
             Patient NATURAL JOIN MedicalRecord WHERE
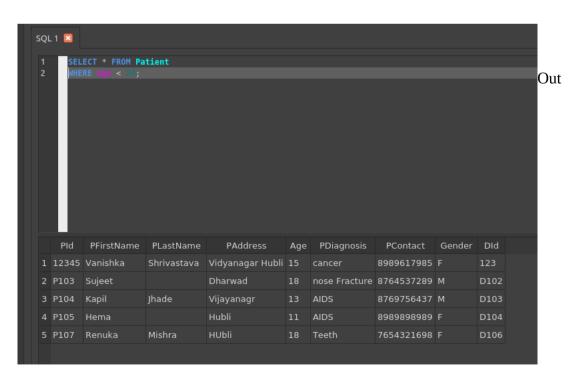   (MedicalRecord.DateOfExamination='2018-01-13');

	PId	PFirstName	PLastName	PAddress	Age	PDiagnosis	PContact	Gender	DId	Problem	DateOfExamination
1	12345	Vanishka	Shrivastava	Vidyanagar Hubli	15	cancer	8989617985	F	123	cancer	2018-01-13

Output 2:

```
SQL 1 ✖
1    SELECT Did FROM Doctor
2    WHERE DoTreatment = 'cancer';
```

	Did
1	D100
2	D102
3	D105

Output 3:

```
SQL 1 ✖
1    SELECT * FROM Patient
2    WHERE Age < 20;
```

Out

	PId	PFirstName	PLastName	PAddress	Age	PDiagnosis	PContact	Gender	DId
1	12345	Vanishka	Shrivastava	Vidyanagar Hubli	15	cancer	8989617985	F	123
2	P103	Sujeet		Dharwad	18	nose Fracture	8764537289	M	D102
3	P104	Kapil	Jhade	Vijayanagr	13	AIDS	8769756437	M	D103
4	P105	Hema		Hubli	11	AIDS	8989898989	F	D104
5	P107	Renuka	Mishra	HUbli	18	Teeth	7654321698	F	D106

Output 4:

```
SQL 1 ❌
1   SELECT * FROM
2   Patient NATURAL JOIN Doctor WHERE(Patient.Did = Doctor.Did) AND Patient.Gender = 'F';
```

	PId	PFirstName	PLastName	PAddress	Age	PDiagnosis	PContact	Gender	DId	DFirstName	DLastName	DSex	DQualification	DContact	DoTreatment
1	P107	Renuka	Mishra	HUbli	18	Teeth	7654321698	F	D106	Himesh	Chaudhary	M	BDS	8728787827	Teeth

Output 5:

```
SQL 1 ❌
1   SELECT * FROM
2   Patient NATURAL JOIN MedicalRecord WHERE (Patient.PId=12345);
```

	PId	PFirstName	PLastName	PAddress	Age	PDiagnosis	PContact	Gender	DId	Problem	DateOfExamination
1	12345	Vanishka	Shrivastava	Vidyanagar Hubli	15	cancer	8989617985	F	123	cancer	2018-01-13

Query Used

Query3:   SELECT * FROM Patient
                    WHERE Age < 20;

Query 4:   SELECT * FROM
                    Patient NATURAL JOIN Doctor WHERE(Patient.Did = Doctor.Did) AND
                    Patient.Gender = 'F';

Query5:   SELECT * FROM
                    Patient NATURAL JOIN MedicalRecord WHERE (Patient.PId=12345);