CREATING A TABLE

Create a database world having a table of heart attack-prone patients with the following column :

- First Name
- Last name
- Age
- Gender
- Cholesterol Level
- Blood Pressure
- Family History
- Smoker
- Diabetes

```sql
1   use world;
2   CREATE TABLE heart_attack_prone_patient (
3       patient_id INT PRIMARY KEY,
4       first_name VARCHAR(50),
5       last_name VARCHAR(50),
6       age INT,
7       gender VARCHAR(10),
8       cholesterol_level INT,
9       blood_pressure VARCHAR(10),
10      family_history BOOLEAN,
11      smoker BOOLEAN,
12      diabetes BOOLEAN
13  );
```

Showing *patient details* of the following patient:

1. John Doe
2. Praveen P
3. Priya P
4. Abhishek Kumar
5. Saurabh Singh
6. Tanushree Reddy

Result Grid	Filter Rows:	Edit:	Export/Import:	Wrap Cell Content:

patient_id	first_name	last_name	age	gender	cholesterol_level	blood_pressure	family_history	smoker	diabetes
1	John	Doe	Doe	Male	240	120/80	1	1	0
2	praveen	p	50	Male	240	140/90	1	1	0
3	priya	P	35	Female	260	130/85	1	0	0
4	Abhishek	Kumar	27	Male	190	120/80	0	0	0
5	Saurabh	singh	35	Male	120	110/80	0	1	0
6	Tanushree	reddy	30	female	150	120/85	0	0	0

heart_attack_prone_patient 12 ×

QUERIES

Patients having cholesterol levels more than 200;

patient_id	first_name	last_name	age	gender	cholesterol_level	blood_pressure	family_history	smoker	diabetes
1	John	Doe		Male	240	120/80	1	1	0
2	praveen	p	50	Male	240	140/90	1	1	0
3	priya	P	35	Female	260	130/85	1	0	0
4	Abhishek	Kumar	27	Male	190	120/80	0	0	0
5	Saurabh	singh	35	Male	120	110/80	0	1	0
6	Tanushree	reddy	30	female	150	120/85	0	0	0

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Patients having gender male and age is more than 50;

patient_id	first_name	last_name	age	gender	cholesterol_level	blood_pressure	family_history	smoker	diabetes
1	John	Doe	55	Male	240	120/80	1	1	0
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Patients having family history available;

patient_id	first_name	last_name	age	gender	cholesterol_level	blood_pressure	family_history	smoker	diabetes
1	John	Doe	55	Male	240	120/80	1	1	0
2	praveen	p	50	Male	240	140/90	1	1	0
3	priya	P	35	Female	260	130/85	1	0	0
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Patients with age in descending order manner;

patient_id	first_name	last_name	age	gender	cholesterol_level	blood_pressure	family_history	smoker	diabetes
1	John	Doe	55	Male	240	120/80	1	1	0
2	praveen	p	50	Male	240	140/90	1	1	0
7	amit	jain	45	male	260	150/100	0	1	0
3	priya	P	35	Female	260	130/85	1	0	0
5	Saurabh	singh	35	Male	120	110/80	0	1	0
6	Tanushree	reddy	30	female	150	120/85	0	0	0

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Patients with ages between 40 to 60;

patient_id	first_name	last_name	age	gender	cholesterol_level	blood_pressure	family_history	smoker	diabetes
1	John	Doe	55	Male	240	120/80	1	1	0
2	praveen	p	50	Male	240	140/90	1	1	0
7	amit	jain	45	male	260	150/100	0	1	0
NULL	NULL	jain	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Patients having cholesterol level and blood pressure both high;

	patient_id	first_name	last_name	age	gender	cholesterol_level	blood_pressure	family_history	smoker	diabetes
▶	7	amit	jain	45	male	260	150/100	0	1	0
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Patients with cholesterol levels more than 240 and blood pressure is more than 160 and also a smoker;

	patient_id	first_name	last_name	age	gender	cholesterol_level	blood_pressure	family_history	smoker	diabetes
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Patients with cholesterol more than 240 and blood pressure more than 160 and also have family history;

	patient_id	first_name	last_name	age	gender	cholesterol_level	blood_pressure	family_history	smoker	diabetes
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

THANK YOU