

HOSPITAL DATABASE

In Command Prompt

To use Database:- use hospital

Database changed

*****TABLES*****

-----PATIENT TABLE-----

```
create table Patients_Info
```

```
(
```

```
Pat_id int primary key,
```

```
Pat_Name varchar(15),
```

```
Gender enum("Female","Male","Transgender"),
```

```
Blood_Group varchar(10),
```

```
Desease varchar(20),
```

```
Department varchar(20),
```

```
Date_Of_Birth date,
```

```
E-Mail_ID varchar(20),
```

```
Phone_Number int
```

```
);
```

Query OK, 0 rows affected (0.021 sec)

-----DOCTORS TABLE-----

MariaDB [hospital]>

```
create table Doctors_Info
```

```
(
```

```
Doc_id int primary key,
```

```
Doc_Name varchar(15),
```

```
Gender enum("Female","Male","Transgender"),
```

```
Specialist varchar(20),
```

```
Experience varchar(10),
```

```
Shift_Change enum("General","Morning","Night"),
```

```
Phone_Varchar(10),
```

```
E-Mail_ID varchar(20),
```

```
Address varchar(20)
```

```
);
```

Query OK, 0 rows affected (0.011 sec)

-----DOCTORS DETAILS TABLE-----

```
create table doctors_details
```

```
(
```

```
Doc_id int,foreign key(doc_id) references doctors_info(doc_id),
```

```
Doctor_Name varchar(20),
```

```
Specialist varchar(20),
```

```
Areas_Of_Focus varchar(50)
```

```
);
```

```
Query OK, 0 rows affected (0.022 sec)
```

-----MEDICATIONS TABLE-----

```
create table medications
```

```
(
```

```
Med_id int unique key,
```

```
Desease varchar(50),
```

```
Department varchar(50),
```

```
Medicine varchar(100),
```

```
Remarks enum ("After Food","Before Food"),
```

```
Advice varchar(100)
```

```
);
```

*****DESCRIPTIONS OF TABLES*****

-----PATIENT TABLE-----

DESC PATIENTS_INFO;

Field	Type	Null	Key	Default	Extra
Pat_id	int(11)	NO	PRI	NULL	
Pat_Name	varchar(15)	YES		NULL	
Gender	enum('Female','Male','Transgender')	YES		NULL	
Blood_Group	varchar(10)	YES		NULL	
Desease	varchar(20)	YES		NULL	
Department	varchar(20)	YES		NULL	
Date_Of_Birth	date	YES		NULL	
E-Mail_ID	varchar(20)	YES		NULL	
Phone_Number	int(11)	YES		NULL	

9 rows in set (0.007 sec)

-----DOCTORS TABLE-----

DESC DOCTORS_INFO;

Field	Type	Null	Key	Default	Extra
Doc_id	int(11)	NO	PRI	NULL	
Doc_Name	varchar(15)	YES		NULL	
Gender	enum('Female','Male','Transgender')	YES		NULL	
Specialist	varchar(20)	YES		NULL	
Experience	varchar(10)	YES		NULL	
Shift_Change	enum('General','Morning','Night')	YES		NULL	
phone_number	varchar(10)	YES		NULL	
E-Mail_ID	varchar(20)	YES		NULL	
Address	varchar(20)	YES		NULL	

9 rows in set (0.010 sec)

-----DOCTORS DETAILS TABLE-----

DESC DOCTORS_DETAILS;

Field	Type	Null	Key	Default	Extra
Doc_id	int(11)	YES	MUL	NULL	
Areas_Of_Focus	varchar(100)	YES		NULL	

2 rows in set (0.006 sec)

-----MEDICATIONS TABLE-----

DESC MEDICATIONS;

Field	Type	Null	Key	Default	Extra
Med_id	int(11)	YES	UNI	NULL	
Desease	varchar(100)	YES		NULL	
Department	varchar(50)	YES		NULL	
Medicine	varchar(100)	YES		NULL	
Remarks	enum('After Food','Before Food')	YES		NULL	
Advice	varchar(50)	YES		NULL	

+-----+-----+-----+-----+-----+-----+

6 rows in set (0.008 sec)

*****INSERTION OF TABLES*****

-----PATIENT TABLE-----

insert into Patients_Info values

(101,"Sridhar","Male","B+","Skin Allergy","Immunologists","1997/11/12","sridhar@gmail.com","1112233345")
(102,"Kavya","Female","B+","High Blood Pressure","Cardiologists","1997/12/12","kavya@gmail.com","1334511225")
(103,"Divya","Female","O+","Hair Issue","Dermotologists","1998/05/12","divya@gmail.com","9626148238")
(104,"Priya","Female","O-","Jaundice","Gaestroenterologists","1996/06/22","priya@gmail.com",125125988)
(105,"Sreesha","Female","AB-","Anemia","Hematologists","2001/12/06","sreesha@gmail.com",1231231234)
(106,"Pavithran","Male","AB+","Fever","Infectious Disease Specialist","2005/02/12","pavi@gmail.com",1471471478)
(107,"Vimala","Female","O+","Stroke","Neurologists","1972/04/16","vimala@gmail.com",1251251255)
(108,"Prakash","Male","B+","Skin Allergy","Dermatologists","1996/05/06","Prakash@gmail.com",1261261268)
(109,"Bharathi","Female","AB+","Thyroid","Endocrinologists","2007/03/08","bharathi@gmail.com",8940544158)
(110,"Siva","Male","O-","Back Pain","Rheumatologist","1989/05/09","siva@gmail.com","9268415885")

select * from patients_info;

Pat_id	Pat_Name	Gender	Blood_Group	Desease	Department	Date_Of_Birth	E_Mail_ID	Phone_Number
101	Sridhar	Male	B+	Skin Allergy	Immunologists	1997-11-12	sridhar@gmail.com	1112233345
102	Kavya	Female	B+	High Blood Pressure	Cardiologists	1997-12-12	kavya@gmail.com	1334511225
103	Divya	Female	O+	Hair Issue	Dermotologists	1998-05-12	divya@gmail.com	2147483647
104	Priya	Female	O-	Jaundice	Gaestroenterologists	1996-06-22	priya@gmail.com	125125988
105	Sreesha	Female	AB-	Anemia	Hematologists	2001-12-06	sreesha@gmail.com	1231231234
106	Pavithran	Male	AB+	Fever	Infectious Disease S	2005-02-12	pavi@gmail.com	1471471478
107	Vimala	Female	O+	Stroke	Neurologists	1972-04-16	vimala@gmail.com	1251251255
108	Prakash	Male	B+	Skin Allergy	Dermatologists	1996-05-06	Prakash@gmail.com	1261261268
109	Bharathi	Female	AB+	Thyroid	Endocrinologists	2007-03-08	bharathi@gmail.com	2147483647
110	Siva	Male	O-	Back Pain	Rheumatologist	1989-05-09	siva@gmail.com	2147483647
111	Pradhisha	Female	AB-	Heart Attack	Cardiologists	2015-12-06	pradhisha@gmail.com	1254587656
112	Diyash	Male	A+	Abdominal Pain	Gaestroenterologists	2013-05-09	diyash@gmail.com	2147483647
113	Vimal	Male	O-	Irregular Heartbeat	Cardiologist	2020-02-05	vimal@gmail.com	2147483647
114	Saranya	Female	B+	Ulcer	Gaestroenterologists	1997-05-31	saranya@gmail.com	2147483647
115	Raj	Male	AB+	Diarrhea	Gaestroenterologists	2015-12-12	raj@gmail.com	2147483647
116	Sreedhar	Male	B-	Colon Cancer	Gaestroenterologists	2018-02-02	sreedhar@gmail.com	2147483647
117	Sree Sai	Female	A+	Heart Failure	Cardiologists	1997-05-12	Sreesai@gmail.com	2147483647

119	Karthik	Male	A-	Bone Disorders	Endocrinologists	1978-05-05	karthik@gmail.com	2147483647
120	Sreedhar	Male	AB-	Liver Cancer	Gaestroenterologists	2020-12-12	sreedhar@gmail.com	2147483647

+-----+-----+-----+-----+-----+-----+-----+-----+

20 rows in set (0.001 sec)

-----DOCTORS TABLE-----

insert into doctors_info values

```
(1,"Mr.Salvador","Male","Cardiologist","15 Years","General","8940544748","salvadoc@gmail.com","Chennai")
(2,"Mrs.Elena Beam","Female","Neurologists","10 Years","Morning","9626148238","elenadoc@gmail.com","Bangalore"),
(3,"Mrs.Janis","Female","Rheumatologist","12 Years","General","9515698877","janis@gmail.com","Coimbatore")
(4,"Mr.Andrew","Male","Hematologists","5 Years","Night","9584681258","andrewdoc@gmail.com","Mumbai"),
(5,"Ms.Lisa","Female","Endocrinologists","2 Years","General","9626148238","lisadoc@gmail.com","Thane")
(6,"Mr.Nathan","Male","Gaestroenterologists","20 Years","Morning","95148234896","nathandoc@gmail.com","Delhi"),
(7,"Mr.Prakash","Male","Infectious Dease Specialists","10 Years","General","8940544158","prakashdoc@gmail.com","Pune"),
(8,"Mr.Pavithranakshan","Transgender","Immunoligists","6 Years","Night","9626148238","pavidoc@gmail.com","Gujarat");
```

Query OK, 3 rows affected, 3 warnings (0.004 sec)

MariaDB [hospital]> **select * from doctors_info;**

Doc_id	Doc_Name	Gender	Specialist	Experience	Shift_Change	phone_number	E-Mail_ID	Address
1	Mr.Salvador	Male	Cardiologist	15 Years	General	2147483647	salvadoc@gmail.com	Chennai
2	Mrs.Elena Beam	Female	Neurologists	10 Years	Morning	2147483647	elenadoc@gmail.com	Bangalore
3	Mrs.Janis	Female	Rheumatologist	12 Years	General	2147483647	janis@gmail.com	Coimbatore
4	Mr.Andrew	Male	Hematologists	5 Years	Night	9584681258	andrewdoc@gmail.com	Mumbai
5	Ms.Lisa	Female	Endocrinologists	2 Years	General	9626148238	lisadoc@gmail.com	Thane
6	Mr.Nathan	Male	Gaestroenterologists	20 Years	Morning	9514823489	nathandoc@gmail.com	Delhi
7	Mr.Prakash	Male	Infectious Dease Spe	10 Years	General	8940544158	prakashdoc@gmail.com	Pune
8	Mr.Pavithranaks	Transgender	Immunoligists	6 Years	Night	9626148238	pavidoc@gmail.com	Gujarat

8 rows in set (0.000 sec)

-----DOCTORS DETAILS TABLE-----

insert into doctors_details values

(1,"Mr.Salvador","Cardiologist-Experts on Heart & Blood Vessels","Heart Attack , High Blood Pressure, Irregular Heartbeat,Heart Failure"),
(2,"Mrs.Elena Beam","Neurologists-Experts on Nervous System","Stroke,Epilepsy,Parkinson's Disease");

MariaDB [hospital]> **select * from doctors_Details;**

Doc_id	Areas_Of_Focus
1	Heart Attack,High Blood Pressure,Irregular Heartbeat
2	Stroke,Epilepsy,Parkinson's Disease
3	Desease in joints,Muscles,Bones- Back Pain,gout and tendinitis
4	Desease of Blood, Spleen - Anemia,Sickle Cell,Hemophilia
5	Desease of Hormones & Metabolism - Diabetes, Thyroid,Infertility
6	Digestive Organs - Abdominal pain,Ulcers,Diarrhea, Jaundice
7	Infection in any Part of body -Fever, HIV,AIDS
8	Immune System Disorders - Asthma,Eczema,Food Allergies

-----MEDICATIONS TABLE-----

insert into medications values

(3000,"Skin Allergy","Immunologists","Hydrocortisone cream,calamine lotion,Oatmeal baths","After Food","Don't wear tight clothes"),
(3001,"High Blood Pressure","Cardiologists","Water pills,Calcium channel blockers","Before Food","Regular physical activity,7 to 9 hours of sleep daily"),
(3002,"Hair Issue","Dermatologists","Minoxidil,Carospir, Aldactone,Finasteride","After Food","Using combs with wider spaces between the bristles"),
(3003,"Jaundice","Gaestroenterologists","cholestyramine","Before Food","Eating a balanced diet,exercising regularly"),
(3005,"Heart Attack","Cardiologists","Aspirin,Clot busters,Nitroglycerin,Morphine","After Food","Oxygen is given immediately"),
(3006,"Irregular Heartbeat","Cardiologists","Flecainide,beta blockers,potassium blockers","Before Food","Regular Meditation");

MariaDB [hospital]> **select * from medications;**

Med_id	Desease	Department	Medicine	Remarks	Advice
3000	Skin Allergy	Immunologists	Hydrocortisone cream,calamine lotion,Oatmeal baths	After Food	Don't wear tight clothes
3001	High Blood Pressure	Cardiologists	Water pills,Calcium channel blockers	Before Food	Regular physical activity,7 to 9 hours of sleep da
3002	Hair Issue	Dermatologists	Minoxidil,Carospir, Aldactone,Finasteride	After Food	Using combs with wider spaces between the bristles
3003	Jaundice	Gaestroenterologists	cholestyramine	Before Food	Eating a balanced diet,exercising regularly

3004 Anemia	Hematologists	Vitamin B-12,Folic Acid,Foltrate,Procrit	After Food	Vitamin-deficiency anemia often requires vitamin B	
3005 Heart Attack	Cardiologists	Aspirin,Clot busters,Nitroglycerin,Morphine	After Food	Oxygen is given immediately	
3006 Irregular Heartbeat	Cardiologists	Flecainide,beta blockers,potassium blockers	Before Food	Regular Meditation	
3007 Stroke	Neurologists	Thiazide diuretics,calcium channel blockers	After Food	Sleep When Your Body Asks for It	
3008 Thyroid	Endocrinologists	Levothyroxine	Before Food	Taking High-fiber foods	
3009 Abdominal Pain	Gaastroenterologists	Bismuth subsalicylate	After Food	Drink plenty of clear fluids such as water. Reduce	
3010 Ulcer	Gaastroenterologists	Omeprazole, pantoprazole and lansoprazole	After Food	Control stress,Don't smoke	
3011 Diarrhea	Gaastroenterologists	Loperamide (Imodium)	Before Food	Eat small, light meals and avoid fatty or spicy fo	
3012 Colon Cancer	Gaastroenterologists	Alymsys,Capecitabine,Eloxatin	After Food	Eat lots of vegetables, fruits, and whole grains	
3013 Heart Failure	Cardiologists	Sacubitril valsartan,ACE inhibitors	After Food	Eating a heart-healthy diet,Quitting smoking	
3014 Bone Disorders and slow	Endocrinologists	Alendronate,Risedronate,Ibandronate	Before Food	Exercise can help you build strong bones	
3015 Liver Cancer	Gaastroenterologists	Sorafenib (Nexavar) and lenvatinib (Lenvima)	After Food	Lean proteins, such as chicken, turkey, fish, eggs	

+-----+-----+-----+-----+-----+-----+

16 rows in set (0.001 sec)

*****VIEW CREATION*****

create view Prescriptions as

```
-> (  
-> select P.Pat_id as Patient_ID,  
-> p.Pat_name as Patient_Name,  
-> d.Doc_id as Doctor_id,  
-> d.Doc_name as Doctor_Name,  
-> d.Specialist,  
-> m.Desease,m.Medicine,Remarks,Advice  
-> From Patients_info p  
-> Inner join Medications m  
-> on p.desease =m.desease  
-> Inner join Doctors_info  
-> d  
-> on m.department = d.specialist  
-> );
```

Query OK, 0 rows affected (0.007 sec)

MariaDB [hospital]> select * from prescriptions;

Patient_ID	Patient_Name	Doctor_id	Doctor_Name	Specialist	Desease	Medicine	Remarks	Advice
104	Priya	6	Mr.Nathan	Gaestroenterologists	Jaundice	cholestyramine	Before Food	Eating a balanced diet,exercising regularly
105	Sreesha	4	Mr.Andrew	Hematologists	Anemia	Vitamin B-12,Folic Acid,Foltrate,Procrit	After Food	Vitamin-deficiency anemia often requires vitamin B
107	Vimala	2	Mrs.Elena Beam	Neurologists	Stroke	Thiazide diuretics,calcium channel blockers	After Food	Sleep When Your Body Asks for It
109	Bharathi	5	Ms.Lisa	Endocrinologists	Thyroid	Levothyroxine	Before Food	Taking High-fiber foods
112	Diyash	6	Mr.Nathan	Gaestroenterologists	Abdominal Pain	Bismuth subsalicylate	After Food	Drink plenty of clear fluids such as water. Reduce
114	Saranya	6	Mr.Nathan	Gaestroenterologists	Ulcer	Omeprazole, pantoprazole and lansoprazole	After Food	Control stress,Don't smoke
115	Raj	6	Mr.Nathan	Gaestroenterologists	Diarrhea	Loperamide (Imodium)	Before Food	Eat small, light meals and avoid fatty or spicy fo
116	Sreedhar	6	Mr.Nathan	Gaestroenterologists	Colon Cancer	Alymsys,Capecitabine,Eloxatin	After Food	Eat lots of vegetables, fruits, and whole grains
119	Karthik	5	Ms.Lisa	Endocrinologists	Bone Disorders	Alendronate,Risedronate,Ibandronate	Before Food	Exercise can help you build strong bones and slow

| 120 | Sreedhar | 6 | Mr.Nathan | Gaestroenterologists | Liver Cancer | Sorafenib (Nexavar) and lenvatinib (Lenvima) | After Food | Lean
proteins, such as chicken, turkey, fish, eggs |

+-----+-----+-----+-----+-----+-----+-----+-----+-----+
-----+

10 rows in set (0.003 sec)