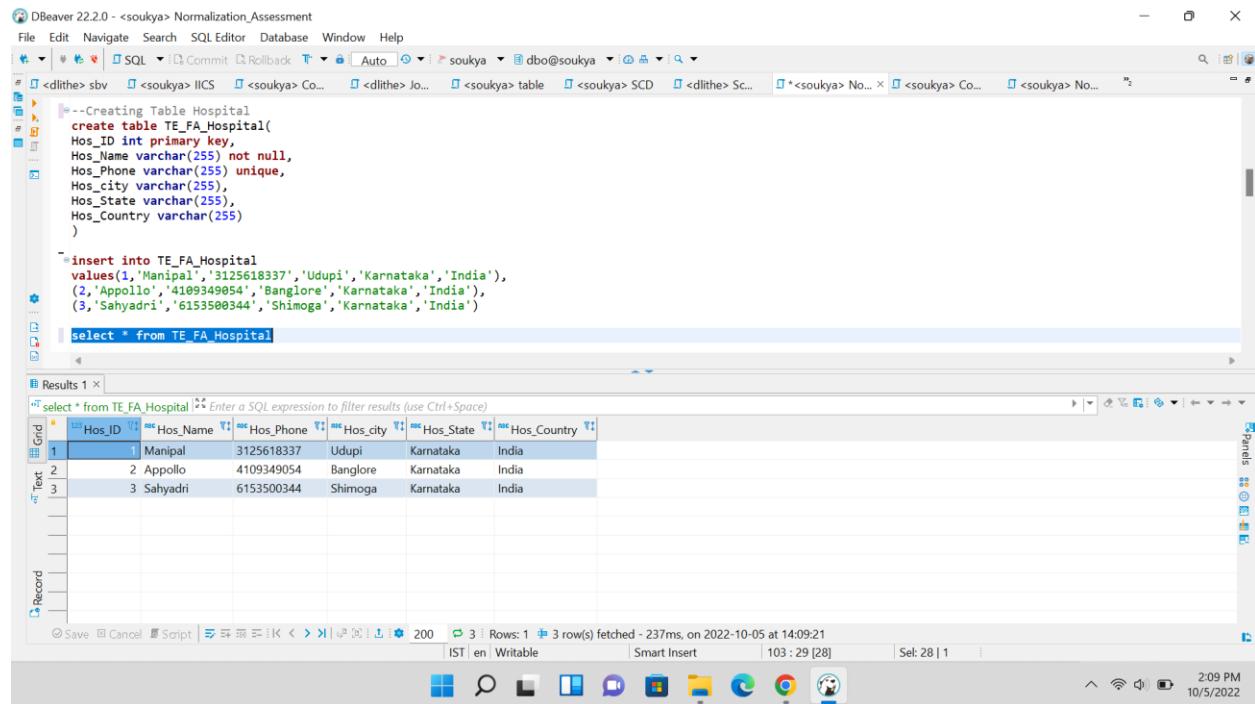


Module 1

Task 1

1. Creating tables as per Normalization
2. Insert the data

Creating table Hospital



DBeaver 22.2.0 - <soukya> Normalization_Assessment

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback Auto soukya dbo@soukya

--Creating Table Hospital

```
create table TE_FA_Hospital(
Hos_ID int primary key,
Hos_Name varchar(255) not null,
Hos_Photo varchar(255) unique,
Hos_City varchar(255),
Hos_State varchar(255),
Hos_Country varchar(255)
)

insert into TE_FA_Hospital
values(1,'Manipal','3125618337','Udupi','Karnataka','India'),
(2,'Appollo','4109349054','Banglore','Karnataka','India'),
(3,'Sahyadri','6153500344','Shimoga','Karnataka','India')

select * from TE_FA_Hospital
```

Results 1

select * from TE_FA_Hospital

Grid	Hos_ID	Hos_Name	Hos_Photo	Hos_City	Hos_State	Hos_Country
1	1	Manipal	3125618337	Udupi	Karnataka	India
2	2	Appollo	4109349054	Banglore	Karnataka	India
3	3	Sahyadri	6153500344	Shimoga	Karnataka	India

Save Cancel Script 200 3 Rows: 1 3 row(s) fetched - 237ms, on 2022-10-05 at 14:09:21 IST en Writable Smart Insert 103 : 29 [28] Set 28 | 1 2:09 PM 10/5/2022

Creating table Doctor

Creating table Patient

DBeaver 22.2.0 - <soukya> Normalization_Assessment

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback Auto soukya dbo@soukya * <soukya> Co... <soukya> No... <soukya> Co... <soukya> No... 

<dilthe> svb <soukya> IICS <soukya> Co... <dilthe> Jo... <soukya> table <soukya> SCD <dilthe> Sc... <soukya> No... <soukya> Co... <soukya> No... 

1, 'Narayana', 'Male', '45', 'Eye Test', 'Pending', '5041601828', 'Tumkur', 'Karnataka', 'India', '107,2),
(2, 'Ram', 'Male', '26', 'Eye Test', 'Pending', '5041601828', 'Tumkur', 'Karnataka', 'India', '107,2),
(24, 'Krishna', 'Male', '55', 'BP', 'Pending', '6463447431', 'Bijapur', 'Karnataka', 'India', '106,2),
(26, 'Sanketh', 'Male', '20', 'Xray', 'Pending', '4157956358', 'Hangal', 'Karnataka', 'India', '104,2),
(27, 'Salman', 'Male', '27', 'Sugar', 'Done', '5716725925', 'Mysore', 'Karnataka', 'India', '105,2),
(28, 'Sumana', 'Female', '67', 'Xray', 'Done', '2699521497', 'Belgavi', 'Karnataka', 'India', '104,2),
(29, 'Arjun', 'Male', '53', 'Eye Test', 'Done', '4047523832', 'Koppal', 'Karnataka', 'India', '107,2),
(30, 'Akulu', 'Male', '37', 'Sugar', 'Pending', '2098305881', 'Madikeri', 'Karnataka', 'India', '105,2),
(31, 'Raksha', 'Female', '80', 'BP', 'Done', '6264885510', 'Pune', 'Maharashtra', 'India', '106,2),
(32, 'Spoorthy', 'Female', '56', 'Eye Test', 'Done', '3618697414', 'Gadag', 'Karnataka', 'India', '107,2),
(33, 'Samiksha', 'Female', '64', 'BP', 'Pending', '98944850171', 'Shimoga', 'Karnataka', 'India', '106,2),
(34, 'Sinchana', 'Female', '24', 'Xray', 'Done', '5013834943', 'Sorab', 'Karnataka', 'India', '104,2),
(35, 'Uma', 'Female', '26', 'Xray', 'Pending', '8641827760', 'Sagar', 'Karnataka', 'India', '108,3),
(36, 'Nischal', 'Male', '31', 'Xray', 'Done', '6156681467', 'Mangalore', 'Karnataka', 'India', '108,3),
(37, 'Bhanu', 'Female', '28', 'Sugar', 'Done', '9184077705', 'Thirthahalli', 'Karnataka', 'India', '109,3),
(38, 'Misbah', 'Female', '49', 'Sugar', 'Pending', '3187398113', 'Belgavi', 'Karnataka', 'India', '109,3),
(39, 'Madhusudhan', 'Male', '51', 'BP', 'Pending', '6511368822', 'Karwar', 'Karnataka', 'India', '110,3),
(40, 'Vinay', 'Male', '90', 'BP', 'Done', '9156169370', 'Mysore', 'Karnataka', 'India', '110,3),
(41, 'Hema', 'Female', '73', 'Eye Test', 'Done', '2698685073', 'Hassan', 'Karnataka', 'India', '111,3),
(42, 'Netra', 'Female', '64', 'Eye Test', 'Pending', '7545898037', 'Tumkur', 'Karnataka', 'India', '111,3),
(43, 'Prajwal', 'Male', '37', 'BP', 'Done', '4054429803', 'Belgav', 'Karnataka', 'India', '110,3),
(44, 'Punith', 'Male', '50', 'Xray', 'Done', '2087318246', 'Banglore', 'Karnataka', 'India', '108,3),
(45, 'Sindhu', 'Female', '29', 'Sugar', 'Pending', '2026179627', 'Madikeri', 'Karnataka', 'India', '109,3),
(46, 'Madhu', 'Female', '59', 'Xray', 'Pending', '7349830921', 'Bidar', 'Karnataka', 'India', '108,3),
(47, 'Vinod', 'Male', '56', 'Eye Test', 'Done', '2179673290', 'Koppal', 'Karnataka', 'India', '111,3),
(48, 'Vikas', 'Male', '27', 'Sugar', 'Pending', '4636569667', 'Shimoga', 'Karnataka', 'India', '109,3),
(49, 'Nanditha', 'Female', '65', 'BP', 'Done', '2143583694', 'Hubballi', 'Maharashtra', 'India', '110,3),
(50, 'Navya', 'Female', '78', 'Eye Test', 'Done', '3175932923', 'Sagar', 'Karnataka', 'India', '111,3),
(51, 'Ganavi', 'Female', '22', 'BP', 'Pending', '9108351519', 'Bhadravathi', 'Karnataka', 'India', '110,3),
(52, 'Likith', 'Male', '43', 'Xray', 'Done', '2185546825', 'Mysore', 'Karnataka', 'India', '108,3)

Results 1 x

select * from TE_Fa_Patient  Enter a SQL expression to filter results (use Ctrl+Space)

Pat_ID	Pat_Name	Pat_Gender	Pat_Age	Pat_Checkups	Pat_Checkup_Status	Pat_Phone	Pat_city	Pat_State	Pat_Country	Doc_ID	Hos_ID
1	Narayana	Male	45	1	Open	9876543210	Tumkur	Karnataka	India	107	2
2	Ram	Male	26	1	Open	9876543210	Tumkur	Karnataka	India	107	2
24	Krishna	Male	55	1	Open	9876543210	Bijapur	Karnataka	India	106	2
26	Sanketh	Male	20	1	Open	9876543210	Hangal	Karnataka	India	104	2
27	Salman	Male	27	1	Open	9876543210	Mysore	Karnataka	India	105	2
28	Sumana	Female	67	1	Open	9876543210	Belgavi	Karnataka	India	104	2
29	Arjun	Male	53	1	Open	9876543210	Koppal	Karnataka	India	107	2
30	Akulu	Male	37	1	Open	9876543210	Madikeri	Karnataka	India	105	2
31	Raksha	Female	80	1	Open	9876543210	Pune	Maharashtra	India	106	2
32	Spoorthy	Female	56	1	Open	9876543210	Gadag	Karnataka	India	107	2
33	Samiksha	Female	64	1	Open	9876543210	Shimoga	Karnataka	India	106	2
34	Sinchana	Female	24	1	Open	9876543210	Sorab	Karnataka	India	104	2
35	Uma	Female	26	1	Open	9876543210	Sagar	Karnataka	India	108	3
36	Nischal	Male	31	1	Open	9876543210	Mangalore	Karnataka	India	108	3
37	Bhanu	Female	28	1	Open	9876543210	Thirthahalli	Karnataka	India	109	3
38	Misbah	Female	49	1	Open	9876543210	Belgavi	Karnataka	India	109	3
39	Madhusudhan	Male	51	1	Open	9876543210	Karwar	Karnataka	India	110	3
40	Vinay	Male	90	1	Open	9156169370	Mysore	Karnataka	India	110	3
41	Hema	Female	73	1	Open	9876543210	Hassan	Karnataka	India	111	3
42	Netra	Female	64	1	Open	9876543210	Tumkur	Karnataka	India	111	3
43	Prajwal	Male	37	1	Open	9876543210	Belgav	Karnataka	India	110	3
44	Punith	Male	50	1	Open	987318246	Banglore	Karnataka	India	108	3
45	Sindhu	Female	29	1	Open	9876543210	Madikeri	Karnataka	India	109	3
46	Madhu	Female	59	1	Open	9876543210	Bidar	Karnataka	India	108	3
47	Vinod	Male	56	1	Open	9876543210	Koppal	Karnataka	India	111	3
48	Vikas	Male	27	1	Open	9876543210	Shimoga	Karnataka	India	109	3
49	Nanditha	Female	65	1	Open	9876543210	Hubballi	Maharashtra	India	110	3
50	Navya	Female	78	1	Open	9876543210	Sagar	Karnataka	India	111	3
51	Ganavi	Female	22	1	Open	9108351519	Bhadravathi	Karnataka	India	110	3
52	Likith	Male	43	1	Open	9876543210	Mysore	Karnataka	India	108	3

Grid Save Cancel Script                             <img alt="Page Last icon" data-bbox="

DBBeaver 22.2.0 - <soukya> Normalization_Assessment

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback Auto soukya dbo@soukya

Results 1

select * from TE_FA_Patient

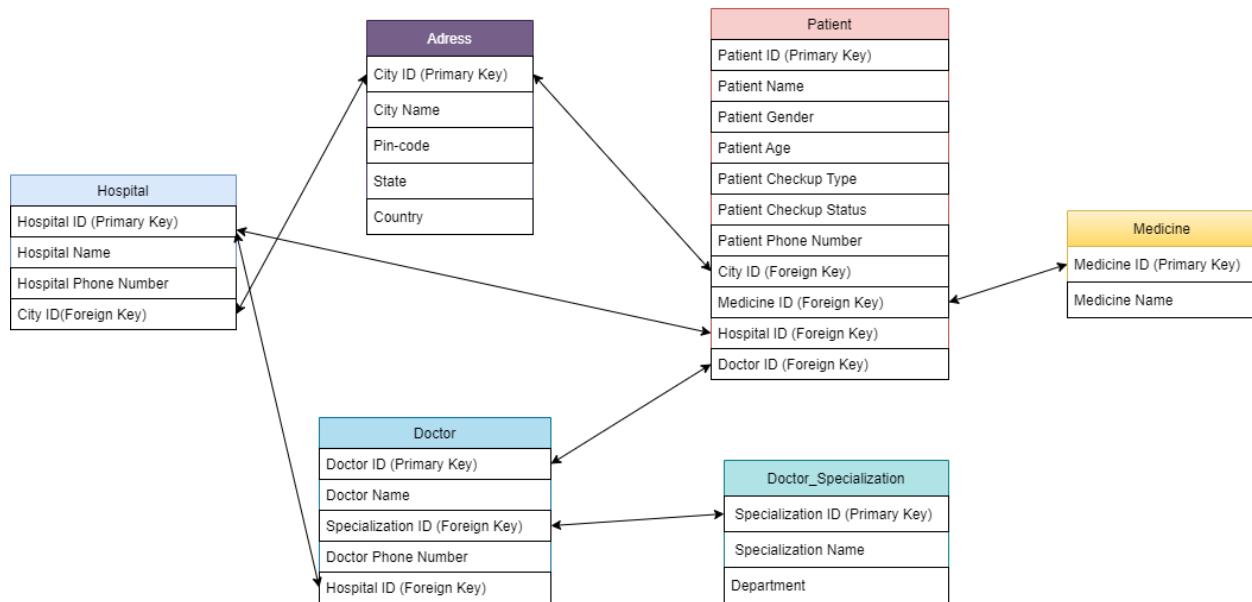
Grid

Pat_ID	Pat_Name	Pat_Gender	Pat_Age	Pat_Checkups	Pat_Checkup_Status	Pat_Phone	Pat_City	Pat_State	Pat_Country	Doc_ID	Hos_ID
30	Akul	Male	37	Sugar	Pending	2098305801	Madkeri	Karnataka	India	105	2
31	Raksha	Female	80	BP	Done	626488510	Pune	Maharashtra	India	106	2
32	Spooorthy	Female	56	Eye Test	Done	3618697414	Gadag	Karnataka	India	107	2
33	Samiksha	Female	64	BP	Pending	9894850171	Shimoga	Karnataka	India	106	2
34	Sinchana	Female	24	Xray	Done	5013834943	Sorab	Karnataka	India	104	2
35	Uma	Female	26	Xray	Pending	8641827760	Sagar	Karnataka	India	108	3
36	Nischal	Male	31	Xray	Done	6156681467	Manglore	Karnataka	India	108	3
37	Bhanu	Female	28	Sugar	Done	9184077055	Thirthahalli	Karnataka	India	109	3
38	Misbah	Female	49	Sugar	Pending	3187398113	Belgavi	Karnataka	India	109	3
39	Madhusudhan	Male	51	BP	Pending	6511368822	Karwar	Karnataka	India	110	3
40	Vinay	Male	90	BP	Done	9156169370	Mysore	Karnataka	India	110	3
41	Hema	Female	73	Eye Test	Done	2698685073	Hassan	Karnataka	India	111	3
42	Nethra	Female	64	Eye Test	Pending	7545898037	Tumkur	Karnataka	India	111	3
43	Prajwal	Male	37	BP	Done	4054429003	Belgav	Karnataka	India	110	3
44	Punith	Male	50	Xray	Done	2087318246	Banglore	Karnataka	India	108	3
45	Sindhu	Female	29	Sugar	Pending	2026179627	Madikeri	Karnataka	India	109	3
46	Madhi	Female	59	Xray	Pending	7349830921	Bidar	Karnataka	India	108	3
47	Vinod	Male	56	Eye Test	Done	2179673290	Koppal	Karnataka	India	111	3
48	Vikas	Male	27	Sugar	Pending	463656966	Shimoga	Karnataka	India	109	3
49	Nanditha	Female	65	BP	Done	2143583694	Hubballi	Maharashtra	India	110	3
50	Navya	Female	78	Eye Test	Done	3175932923	Sagar	Karnataka	India	111	3
51	Ganavi	Female	22	BP	Pending	9108351519	Bhadrapurthi	Karnataka	India	110	3
52	Likith	Male	43	Xray	Done	2105546825	Mysore	Karnataka	India	108	3

52 Rows: 1 52 row(s) fetched - 267ms (15ms fetch), on 2022-10-05 14:47:01 IST en Writable Smart Insert 147 : 1 [27] Sel: 27 | 1

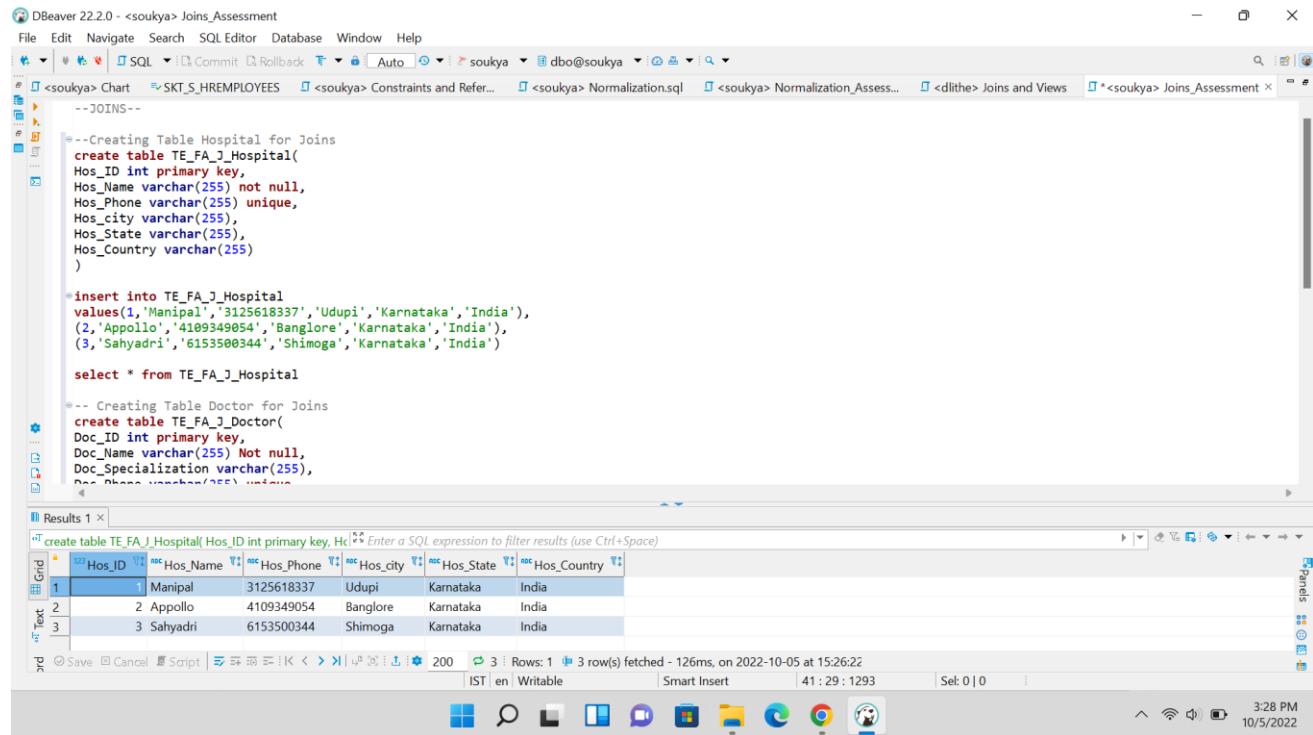
Save Cancel Script 2:11 PM 10/5/2022

E - R Diagram



3. Join table

Creating table Hospital for Joins



DBeaver 22.2.0 - <soukya> Joins_Assessment

```
-- Creating Table Hospital for Joins
create table TE_FA_J_Hospital(
    Hos_ID int primary key,
    Hos_Name varchar(255) not null,
    Hos_Phone varchar(255) unique,
    Hos_city varchar(255),
    Hos_State varchar(255),
    Hos_Country varchar(255)
)

insert into TE_FA_J_Hospital
values(1,'Manipal','3125618337','Udupi','Karnataka','India'),
(2,'Appollo','4109349054','Banglore','Karnataka','India'),
(3,'Sahyadri','6153500344','Shimoga','Karnataka','India')

select * from TE_FA_J_Hospital
```

-- Creating Table Doctor for Joins

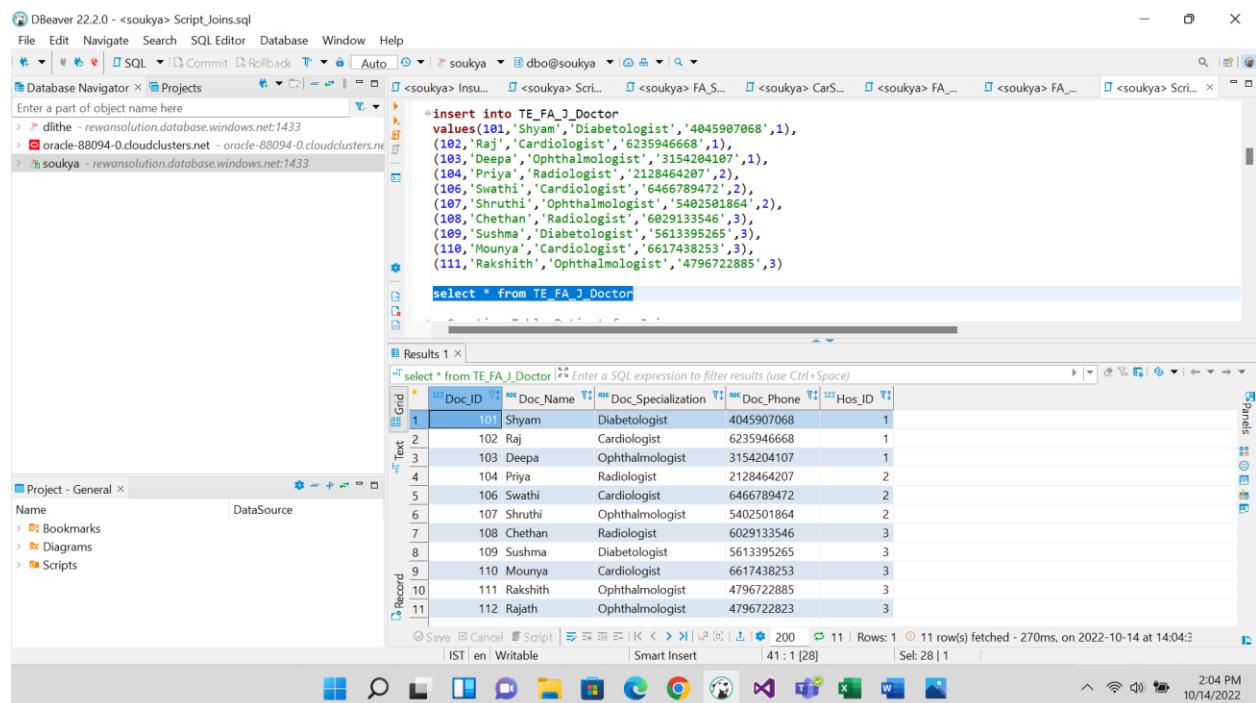
```
create table TE_FA_J_Doctor(
    Doc_ID int primary key,
    Doc_Name varchar(255) Not null,
    Doc_Specialization varchar(255),
    Doc_Phone varchar(255) unique
```

Results 1

	Hos_ID	Hos_Name	Hos_Phone	Hos_city	Hos_State	Hos_Country
1	1	Manipal	3125618337	Udupi	Karnataka	India
2	2	Appollo	4109349054	Banglore	Karnataka	India
3	3	Sahyadri	6153500344	Shimoga	Karnataka	India

2nd Save Cancel Script 200 3 Rows: 1 3 row(s) fetched - 126ms, on 2022-10-05 at 15:26:22 IST en Writable Smart Insert 41 : 29 : 1293 Sel 0 | 0 10:28 PM 10/5/2022

Creating table Doctor for Joins - Here 2 doctors details are removed and 1 new doctor is added to the table doctor created in Normalization



DBeaver 22.2.0 - <soukya> Script_Joins.sql

```
insert into TE_FA_J_Doctor
values(101,'Shyam','Diabetologist','4045907068',1),
(102,'Raj','Cardiologist','6235946668',1),
(103,'Deepa','Ophthalmologist','3154204107',1),
(104,'Priya','Radiologist','2128464287',2),
(105,'Swathi','Cardiologist','6466789472',2),
(107,'Shruthi','Ophthalmologist','5402501864',2),
(108,'Chethan','Radiologist','6029133546',3),
(109,'Sushma','Diabetologist','5613395265',3),
(110,'Mounya','Cardiologist','6617438253',3),
(111,'Rakshith','Ophthalmologist','4796722885',3)

select * from TE_FA_J_Doctor
```

Results 1

	Doc_ID	Doc_Name	Doc_Specialization	Doc_Phone	Hos_ID
1	101	Shyam	Diabetologist	4045907068	1
2	102	Raj	Cardiologist	6235946668	1
3	103	Deepa	Ophthalmologist	3154204107	1
4	104	Priya	Radiologist	2128464207	2
5	106	Swathi	Cardiologist	6466789472	2
6	107	Shruthi	Ophthalmologist	5402501864	2
7	108	Chethan	Radiologist	6029133546	3
8	109	Sushma	Diabetologist	5613395265	3
9	110	Mounya	Cardiologist	6617438253	3
10	111	Rakshith	Ophthalmologist	4796722885	3
11	112	Rajath	Ophthalmologist	4796722823	3

11 Save Cancel Script 200 11 Rows: 1 11 row(s) fetched - 270ms, on 2022-10-14 at 14:04:3 IST en Writable Smart Insert 41 : 1 [28] Sel 28 | 1 2:04 PM 10/14/2022

Creating table Patients for Joins

DBeaver 22.2.0 - <soukya> Joins_Assessment

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback Auto soukya dbo@soukya Normalization.sql Normalization_Assess... <ldithe> Joins and Views * <soukya> Joins_Assessment

```
--Creating Table Patient for Joins
create table TE_FA_JPatient
(
    Pat_ID int primary key,
    Pat_Name varchar(255) not null,
    Pat_Gender varchar(100),
    Pat_Age int,
    Pat_Checkups varchar(255),
    Pat_Checkup_Status varchar(255) default 'Pending',
    Pat_Phone varchar(255) unique,
    Pat_city varchar(255),
    Pat_State varchar(255),
    Pat_Country varchar(255),
    Doc_ID int Foreign key references TE_FA_Doctor(Doc_ID),
    Hos_ID int Foreign key references TE_FA_Hospital(Hos_ID)
)

insert into TE_FA_JPatient
values(1, 'John', 'Male', '48', 'Xray', 'Done', '9079663323', 'Shimoga', 'Karnataka', 'India', 100, 1),
(2, 'Ibrahim', 'Male', '45', 'Xray', 'Pending', '4078303175', 'Udupi', 'Karnataka', 'India', 100, 1),
(3, 'Alok', 'Male', '28', 'Sugar', 'Done', '3138707247', 'Udupi', 'Karnataka', 'India', 101, 1),
(4, 'Nagma', 'Female', '35', 'Sugar', 'Done', '3045264427', 'Bellary', 'Karnataka', 'India', 101, 1),
(5, 'Shilpa', 'Female', '32', 'BP', 'Pending', '4084401522', 'Mangalore', 'Karnataka', 'India', 102, 1),
(6, 'Vishnu', 'Male', '65', 'BP', 'Done', '9732133415', 'Hubli', 'Karnataka', 'India', 102, 1),
(7, 'Suma', 'Female', '25', 'Eye Test', 'Pending', '6175241910', 'Haveri', 'Karnataka', 'India', 103, 1),
(8, 'Rajith', 'Female', '70', 'Eye Test', 'Done', '3049845742', 'Dharwad', 'Karnataka', 'India', 103, 1),
(9, 'Shashank', 'Male', '50', 'BP', 'Pending', '7855717195', 'Hassan', 'Karnataka', 'India', 102, 1),
(10, 'Saranya', 'Female', '20', 'Eye Test', 'Pending', '2021598703', 'Bhadravathi', 'Karnataka', 'India', 103, 1),
(11, 'Sharath', 'Male', '27', 'Sugar', 'Done', '4236558690', 'Mangalore', 'Karnataka', 'India', 101, 1),
(12, 'Suma', 'Female', '38', 'Xray', 'Pending', '9377496641', 'Kundapura', 'Karnataka', 'India', 100, 1),
(13, 'Aryan', 'Male', '56', 'Sugar', 'Pending', '8129350173', 'Hassan', 'Karnataka', 'India', 101, 1),
(14, 'Bheem', 'Male', '75', 'Sugar', 'Pending', '8187992159', 'Kolar', 'Karnataka', 'India', 101, 1),
(15, 'Ramva', 'Female', '48', 'BP', 'Pending', '8123138264', 'Pune', 'Maharashtra', 'India', 102, 1).
```

DBeaver 22.2.0 - <soukya> Joins_Assessment

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback Auto soukya dbo@soukya

<soukya> Chart SKT_S_HREMPLOYEES <soukya> Constraints and Refer... <soukya> Normalization.sql <soukya> Normalization_Assess... <soukya> Joins and Views <soukya> Joins_Assessment

```
insert into TE_FA_JPatient
values ('1', 'John', 'Male', '40', 'Xray', 'Done', '9079663323', 'Shimoga', 'Karnataka', 'India', '100,1),
('2', 'Ibrahim', 'Male', '45', 'Xray', 'Pending', '4078303175', 'Udupi', 'Karnataka', 'India', '100,1),
('3', 'Alok', 'Male', '28', 'Sugar', 'Done', '3138707247', 'Udupi', 'Karnataka', 'India', '101,1),
('4', 'Nagma', 'Female', '35', 'Sugar', 'Done', '3045264427', 'Bellary', 'Karnataka', 'India', '101,1),
('5', 'Shilpa', 'Female', '32', 'BP', 'Pending', '4084401522', 'Mangalore', 'Karnataka', 'India', '102,1),
('6', 'Vishnu', 'Male', '65', 'BP', 'Done', '9732133415', 'Hubli', 'Karnataka', 'India', '102,1),
('7', 'Suma', 'Female', '25', 'Eye Test', 'Pending', '6175241910', 'Haveri', 'Karnataka', 'India', '103,1),
('8', 'Rajith', 'Female', '70', 'Eye Test', 'Done', '3049845472', 'Dharwad', 'Karnataka', 'India', '103,1),
('9', 'Shashank', 'Male', '50', 'BP', 'Pending', '7853717195', 'Hassan', 'Karnataka', 'India', '102,1),
('10', 'Sammy', 'Female', '28', 'Eye Test', 'Pending', '20212598703', 'Bhadravathi', 'Karnataka', 'India', '103,1),
('11', 'Sharath', 'Male', '27', 'Sugar', 'Done', '4236558690', 'Mangalore', 'Karnataka', 'India', '101,1),
('12', 'Suma', 'Female', '38', 'Xray', 'Pending', '9377496641', 'Kundapura', 'Karnataka', 'India', '100,1),
('13', 'Aryan', 'Male', '56', 'Sugar', 'Pending', '8129350173', 'Hassan', 'Karnataka', 'India', '101,1),
('14', 'Sheem', 'Male', '75', 'Sugar', 'Pending', '8187992159', 'Kolar', 'Karnataka', 'India', '101,1),
('15', 'Ramya', 'Female', '48', 'BP', 'Pending', '8123138264', 'Pune', 'Maharashtra', 'India', '102,1),
('16', 'Sumanth', 'Male', '37', 'Eye Test', 'Done', '7756765395', 'Mandy', 'Karnataka', 'India', '103,1),
('17', 'Josna', 'Female', '42', 'Xray', 'Pending', '7653871807', 'Bellary', 'Karnataka', 'India', '104,2),
('18', 'Ullas', 'Male', '30', 'Xray', 'Done', '3603085537', 'Manglore', 'Karnataka', 'India', '104,2),
('19', 'Amrutha', 'Female', '25', 'Sugar', 'Pending', '4822676595', 'Haveri', 'Karnataka', 'India', '105,2),
('20', 'Chandana', 'Female', '47', 'Sugar', 'Done', '3854675364', 'Banglore', 'Karnataka', 'India', '105,2),
('21', 'Neelgana', 'Female', '39', 'BP', 'Done', '5129593351', 'Dharwad', 'Karnataka', 'India', '106,2),
('22', 'Vinayaka', 'Male', '78', 'BP', 'Pending', '9153898537', 'Karwar', 'Karnataka', 'India', '106,2),
('23', 'Harris', 'Female', '25', 'Eye Test', 'Pending', '1111123456', 'Haveri', 'Karnataka', 'India', '107,2),
('24', 'Ram', 'Male', '26', 'Eye Test', 'Pending', '5041601828', 'Tumkur', 'Karnataka', 'India', '107,2),
('25', 'Krishna', 'Male', '55', 'BP', 'Pending', '6463447431', 'Bijapur', 'Karnataka', 'India', '106,2),
('26', 'Sanketh', 'Male', '20', 'Xray', 'Pending', '415762956358', 'Hingal', 'Karnataka', 'India', '104,2),
('27', 'Salman', 'Male', '27', 'Sugar', 'Done', '5716725925', 'Mysore', 'Karnataka', 'India', '105,2),
('28', 'Suman', 'Female', '67', 'Xray', 'Done', '2699521497', 'Belgaum', 'Karnataka', 'India', '104,2),
('29', 'Arjun', 'Male', '53', 'Eye Test', 'Done', '4047523832', 'Koppal', 'Karnataka', 'India', '107,2),
('30', 'Akul', 'Male', '37', 'Sugar', 'Pending', '2098305801', 'Maderki', 'Karnataka', 'India', '105,2),
('31', 'Raksha', 'Female', '80', 'BP', 'Done', '6246885510', 'Pune', 'Maharashtra', 'India', '106,2),
('32', 'Spoorthy', 'Female', '56', 'Eye Test', 'Done', '3618697414', 'Gadag', 'Karnataka', 'India', '107,2),
('33', 'Camileha', 'Female', '44', 'BP', 'Pending', '9804880171', 'Chimneys', 'Karnataka', 'India', '106,2)
```

Results 1 x

IST en Writable Smart Insert 111:91:6387 Sel: 0 | 0

3:32 PM 10/5/2022

DBeaver 22.2.0 - <soukya> Joins_Assessment

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback Auto soukya dbo@soukya dliithe Joins and Views * <soukya> Joins_Assessment

Chart SKT_S_HREMPLOYEES <soukya> Constraints and Refer... <soukya> Normalization.sql <soukya> NormalizationAssess... <dliithe> Joins and Views * <soukya> Joins_Assessment

(22, 'Vinayaka', 'Male', 78, 'BP', 'Pending', '9153898537', 'Karwar', 'Karnataka', 'India', 106, 2),
(23, 'Harris', 'Female', 25, 'Eye Test', 'Pending', '111123456', 'Haveri', 'Karnataka', 'India', 107, 2),
(24, 'Ram', 'Male', 26, 'Eye Test', 'Pending', '501601828', 'Tumkur', 'Karnataka', 'India', 107, 2),
(25, 'Krishna', 'Male', 55, 'BP', 'Pending', '6463447431', 'Bijapur', 'Karnataka', 'India', 106, 2),
(26, 'Sanketh', 'Male', 20, 'Xray', 'Pending', '4157956358', 'HBangal', 'Karnataka', 'India', 104, 2),
(27, 'Salman', 'Male', 27, 'Sugar', 'Done', '5176725925', 'Mysore', 'Karnataka', 'India', 105, 2),
(28, 'Sumana', 'Female', 67, 'Xray', 'Done', '2699521497', 'Belgavi', 'Karnataka', 'India', 104, 2),
(29, 'Arjun', 'Male', 53, 'Eye Test', 'Done', '4047523832', 'Koppal', 'Karnataka', 'India', 107, 2),
(30, 'Akul', 'Male', 37, 'Sugar', 'Pending', '2098305801', 'Madikeri', 'Karnataka', 'India', 105, 2),
(31, 'Raksha', 'Female', 80, 'BP', 'Done', '6264885510', 'Pune', 'Maharashtra', 'India', 106, 2),
(32, 'Spoorthy', 'Female', 56, 'Eye Test', 'Done', '3618697414', 'Gadag', 'Karnataka', 'India', 107, 2),
(33, 'Samiksha', 'Female', 64, 'BP', 'Pending', '9894850171', 'Shimoga', 'Karnataka', 'India', 106, 2),
(34, 'Sinchana', 'Female', 24, 'Xray', 'Done', '5013834943', 'Sorab', 'Karnataka', 'India', 104, 2),
(35, 'Uma', 'Female', 26, 'Xray', 'Pending', '8641827760', 'Sagar', 'Karnataka', 'India', 108, 3),
(36, 'Nischal', 'Male', 31, 'Xray', 'Done', '6156681467', 'Manglore', 'Karnataka', 'India', 108, 3),
(37, 'Bhanu', 'Female', 28, 'Sugar', 'Done', '9184067705', 'Thirthahalli', 'Karnataka', 'India', 109, 3),
(38, 'Misbah', 'Female', 49, 'Sugar', 'Pending', '3187398113', 'Belgavi', 'Karnataka', 'India', 109, 3),
(39, 'Madhusudhan', 'Male', 51, 'BP', 'Pending', '6511368822', 'Karwar', 'Karnataka', 'India', 110, 3),
(40, 'Vinay', 'Male', 90, 'BP', 'Done', '9156169370', 'Mysore', 'Karnataka', 'India', 110, 3),
(41, 'Hema', 'Female', 73, 'Eye Test', 'Done', '2698685073', 'Hassan', 'Karnataka', 'India', 111, 3),
(42, 'Nethra', 'Female', 64, 'Eye Test', 'Pending', '7545898037', 'Tumkur', 'Karnataka', 'India', 111, 3),
(43, 'Prajwal', 'Male', 37, 'BP', 'Done', '4054429003', 'Belgav', 'Karnataka', 'India', 110, 3),
(44, 'Punith', 'Male', 50, 'Xray', 'Done', '2087318246', 'Banglore', 'Karnataka', 'India', 108, 3),
(45, 'Sindhu', 'Female', 29, 'Sugar', 'Pending', '2026179627', 'Madikeri', 'Karnataka', 'India', 109, 3),
(46, 'Madhu', 'Female', 59, 'Xray', 'Pending', '7349838921', 'Bidar', 'Karnataka', 'India', 108, 3),
(47, 'Vinod', 'Male', 56, 'Eye Test', 'Done', '2179673290', 'Koppal', 'Karnataka', 'India', 111, 3),
(48, 'Vikas', 'Male', 27, 'Sugar', 'Pending', '463656966', 'Shimoga', 'Karnataka', 'India', 109, 3),
(49, 'Nanditha', 'Female', 65, 'BP', 'Done', '2145583694', 'Hubballi', 'Maharashtra', 'India', 110, 3),
(50, 'Navya', 'Female', 78, 'Eye Test', 'Done', '3175932823', 'Sagar', 'Karnataka', 'India', 111, 3),
(51, 'Ganavi', 'Male', 20, 'Xray', 'Pending', '9108351519', 'Bhadravathi', 'Karnataka', 'India', 110, 3),
(52, 'Likith', 'Male', 43, 'Xray', 'Done', '2105546825', 'Mysore', 'Karnataka', 'India', 108, 3)

select * from TE_FA_JPatient

Results 1 x

IST en Writable Smart Insert 111: 91 : 6387 Sel 0 | 0

3:32 PM 10/5/2022

DBBeaver 22.2.0 - <soukya> Joins_Assessment

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback Auto _ soukya dbo@soukya

Results 1 x

select * from TE_FA_JPatient

Enter a SQL expression to filter results (use Ctrl+Space)

Grid

Pat_ID	Pat_Name	Pat_Gender	Pat_Age	Pat_Checkups	Pat_Checkup_Status	Pat_Phone	Pat_City	Pat_State	Pat_Country	Doc_ID	Hos_ID
30	Akul	Male	37	Sugar	Pending	2098305801	Madikeri	Karnataka	India	105	2
31	Raksha	Female	80	BP	Done	6264885510	Pune	Maharashtra	India	106	2
32	Spoorthy	Female	56	Eye Test	Done	3618697414	Gadag	Karnataka	India	107	2
33	Samiksha	Female	64	BP	Pending	9894850171	Shimoga	Karnataka	India	106	2
34	Sinchana	Female	24	Xray	Done	5013834943	Sorab	Karnataka	India	104	2
35	Uma	Female	26	Xray	Pending	8641827760	Sagar	Karnataka	India	108	3
36	Nischal	Male	31	Xray	Done	6156681467	Manglore	Karnataka	India	108	3
37	Bhanu	Female	28	Sugar	Done	9184077055	Thirthahalli	Karnataka	India	109	3
38	Misbah	Female	49	Sugar	Pending	3187398113	Belgavi	Karnataka	India	109	3
39	Madhusudhan	Male	51	BP	Pending	6511368822	Karwar	Karnataka	India	110	3
40	Vinay	Male	90	BP	Done	9156169370	Mysore	Karnataka	India	110	3
41	Hema	Female	73	Eye Test	Done	2698685073	Hassan	Karnataka	India	111	3
42	Nethra	Female	64	Eye Test	Pending	7545898037	Tumkur	Karnataka	India	111	3
43	Prajwal	Male	37	BP	Done	4054429003	Belgav	Karnataka	India	110	3
44	Punith	Male	50	Xray	Done	2087318246	Banglore	Karnataka	India	108	3
45	Sindhu	Female	29	Sugar	Pending	2026179627	Madikeri	Karnataka	India	109	3
46	Madhu	Female	59	Xray	Pending	7349830921	Bidar	Karnataka	India	108	3
47	Vinod	Male	56	Eye Test	Done	2179673290	Koppal	Karnataka	India	111	3
48	Vikas	Male	27	Sugar	Pending	463656966	Shimoga	Karnataka	India	109	3
49	Nanditha	Female	65	BP	Done	2143583694	Hubballi	Maharashtra	India	110	3
50	Navya	Female	78	Eye Test	Done	3175932923	Sagar	Karnataka	India	111	3
51	Ganavi	Female	22	BP	Pending	9108351519	Bhadrapurthi	Karnataka	India	110	3
52	Likhith	Male	43	Xray	Done	2105546825	Mysore	Karnataka	India	108	3

Save Cancel Script 52 Rows: 1 52 row(s) fetched - 1.252s, on 2022-10-05 at 15:32:00 IST en Writable Smart Insert 111 - 91 : 6387 Sel: 0 | 0

3:32 PM 10/5/2022

Patient Details (Inner Join)

DBBeaver 22.2.0 - <soukya> Joins_Assessment

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback Auto _ soukya dbo@soukya

Results 1 x

select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Clkup,P.Clkup_Status,Doc_ID,Doc_Name,Doc_Specialization from TE_FA_JPatient as P
inner join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID

select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Clkup,P.Clkup_Status,Doc_ID,Doc_Name,Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone from TE_FA_JPatient as P
inner join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID inner join TE_FA_J_Hospital as H on D.Hos_ID = H.Hos_ID

Grid

Pat_ID	Pat_Name	Pat_Gender	Pat_Age	Pat_Clkup	Clkup_Status	Doc_ID	Doc_Name	Doc_Specialization
1	Alok	Male	28	Sugar	101	Shyam	Diabetologist	
2	4 Nagma	Female	35	Sugar	101	Shyam	Diabetologist	
3	5 Shilpa	Female	32	BP	102	Raj	Cardiologist	
4	6 Vishnu	Male	65	BP	102	Raj	Cardiologist	
5	7 Suma	Female	25	Eye Test	103	Deepa	Ophthalmologist	
6	8 Rajath	Female	70	Eye Test	103	Deepa	Ophthalmologist	
7	9 Shashank	Male	50	BP	102	Raj	Cardiologist	
8	10 Samay	Female	20	Eye Test	103	Deepa	Ophthalmologist	
9	11 Sharath	Male	27	Sugar	101	Shyam	Diabetologist	
10	13 Aryan	Male	56	Sugar	101	Shyam	Diabetologist	
11	14 Bheem	Male	75	Sugar	101	Shyam	Diabetologist	
12	15 Ramya	Female	48	BP	102	Raj	Cardiologist	
13	16 Sumanth	Male	37	Eye Test	103	Deepa	Ophthalmologist	
14	17 Josna	Female	42	Xray	104	Priya	Radiologist	
15	18 Ullas	Male	30	Xray	104	Priya	Radiologist	
16	21 Meghana	Female	39	BP	106	Swathi	Cardiologist	
17	22 Vinayaka	Male	78	BP	106	Swathi	Cardiologist	

Save Cancel Script 45 Rows: 1 45 row(s) fetched - 392ms, on 2022-10-10 at 21:51:4 IST en Writable Smart Insert 124 - 110 : 7203 Sel: 0 | 0

9:52 PM 10/10/2022

Patient, Doctor, Hospital Details (Inner Join)

DBeaver 22.0 - <soukya> Joins_Assessment

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback Auto _ soukya dbo@soukya

```
--Patient Visiting Particular Doctor (Inner Join)
select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization from TE_FA_JPatient as P
inner join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID

--select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone from TE_FA_JPatient as P
inner join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID inner join TE_FA_J_Hospital as H on D.Hos_ID = H.Hos_ID
```

Results 1

select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone

Pat_ID	Pat_Name	Pat_Gender	Pat_Age	Pat_Checkups	Doc_ID	Doc_Name	Doc_Specialization	Hos_ID	Hos_Name	Hos_Phone
30	44 Punith	Male	50	Xray	108	Chethan	Radiologist	3	Sahyadri	6153500344
31	46 Madhu	Female	59	Xray	108	Chethan	Radiologist	3	Sahyadri	6153500344
32	52 Likith	Male	43	Xray	108	Chethan	Radiologist	3	Sahyadri	6153500344
33	37 Bhana	Female	28	Sugar	109	Sushma	Diabetologist	3	Sahyadri	6153500344
34	38 Misbah	Female	49	Sugar	109	Sushma	Diabetologist	3	Sahyadri	6153500344
35	45 Sindhu	Female	29	Sugar	109	Sushma	Diabetologist	3	Sahyadri	6153500344
36	48 Vikas	Male	27	Sugar	109	Sushma	Diabetologist	3	Sahyadri	6153500344
37	39 Madhusudhan	Male	51	BP	110	Mounya	Cardiologist	3	Sahyadri	6153500344
38	40 Vinay	Male	90	BP	110	Mounya	Cardiologist	3	Sahyadri	6153500344
39	43 Prajwal	Male	37	BP	110	Mounya	Cardiologist	3	Sahyadri	6153500344
40	49 Nanditha	Female	65	BP	110	Mounya	Cardiologist	3	Sahyadri	6153500344
41	51 Gnavi	Female	22	BP	110	Mounya	Cardiologist	3	Sahyadri	6153500344
42	41 Hema	Female	73	Eye Test	111	Rakshith	Ophthalmologist	3	Sahyadri	6153500344
43	42 Nethra	Female	64	Eye Test	111	Rakshith	Ophthalmologist	3	Sahyadri	6153500344
44	47 Vinod	Male	56	Eye Test	111	Rakshith	Ophthalmologist	3	Sahyadri	6153500344
45	50 Navya	Female	78	Eye Test	111	Rakshith	Ophthalmologist	3	Sahyadri	6153500344

45 Rows: 1 45 row(s) fetched - 284ms, on 2022-10-10 at 21:52:1

Save Cancel Script 45 Rows: 1 45 row(s) fetched - 284ms, on 2022-10-10 at 21:52:1 IST en Writable Smart Insert 124: 110 : 7203 Sel: 0 | 0 9:52 PM 10/10/2022

DBeaver 22.0 - <soukya> Joins_Assessment

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback Auto _ soukya dbo@soukya

```
--Patient Visiting Particular Doctor (Inner Join)
select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization from TE_FA_JPatient as P
inner join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID

--select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone from TE_FA_JPatient as P
inner join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID inner join TE_FA_J_Hospital as H on D.Hos_ID = H.Hos_ID
```

Results 1

select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone

Pat_ID	Pat_Name	Pat_Gender	Pat_Age	Pat_Checkups	Doc_ID	Doc_Name	Doc_Specialization	Hos_ID	Hos_Name	Hos_Phone
30	44 Punith	Male	50	Xray	108	Chethan	Radiologist	3	Sahyadri	6153500344
31	46 Madhu	Female	59	Xray	108	Chethan	Radiologist	3	Sahyadri	6153500344
32	52 Likith	Male	43	Xray	108	Chethan	Radiologist	3	Sahyadri	6153500344
33	37 Bhana	Female	28	Sugar	109	Sushma	Diabetologist	3	Sahyadri	6153500344
34	38 Misbah	Female	49	Sugar	109	Sushma	Diabetologist	3	Sahyadri	6153500344
35	45 Sindhu	Female	29	Sugar	109	Sushma	Diabetologist	3	Sahyadri	6153500344
36	48 Vikas	Male	27	Sugar	109	Sushma	Diabetologist	3	Sahyadri	6153500344
37	39 Madhusudhan	Male	51	BP	110	Mounya	Cardiologist	3	Sahyadri	6153500344
38	40 Vinay	Male	90	BP	110	Mounya	Cardiologist	3	Sahyadri	6153500344
39	43 Prajwal	Male	37	BP	110	Mounya	Cardiologist	3	Sahyadri	6153500344
40	49 Nanditha	Female	65	BP	110	Mounya	Cardiologist	3	Sahyadri	6153500344
41	51 Gnavi	Female	22	BP	110	Mounya	Cardiologist	3	Sahyadri	6153500344
42	41 Hema	Female	73	Eye Test	111	Rakshith	Ophthalmologist	3	Sahyadri	6153500344
43	42 Nethra	Female	64	Eye Test	111	Rakshith	Ophthalmologist	3	Sahyadri	6153500344
44	47 Vinod	Male	56	Eye Test	111	Rakshith	Ophthalmologist	3	Sahyadri	6153500344
45	50 Navya	Female	78	Eye Test	111	Rakshith	Ophthalmologist	3	Sahyadri	6153500344

45 Rows: 1 45 row(s) fetched - 284ms, on 2022-10-10 at 21:52:1

Save Cancel Script 45 Rows: 1 45 row(s) fetched - 284ms, on 2022-10-10 at 21:52:1 IST en Writable Smart Insert 124: 110 : 7203 Sel: 0 | 0 9:52 PM 10/10/2022

Patient, all Doctors and Hospital Details (Full Join)

DBeaver 22.2.0 - <soukya> Joins_Assessment

File Edit Navigate Search SQL Editor Database Window Help

<soukya> Nor... <soukya> FA... <soukya> FA_S... <*><soukya> Joi... <*><soukya> FA_II... <*><soukya> FA_S... <*><soukya> FA_... <*><soukya> FA_... <*><soukya> Scri... <*><soukya> Cons...

```
--Patient Visiting Particular Doctor and Patient who don't have Particular Doctor (Full Join)--
select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone from TE_FA_JPatient as P
full join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID full join TE_FA_J_Hospital as H on P.Hos_ID = H.Hos_ID

--Full Join--
select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone,H.Hos_City from TE_FA_JPatient
full join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID
```

Results 1 x

select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone (use Ctrl+Space)

Grid	Pat_ID	Pat_Name	Pat_Gender	Pat_Age	Pat_Checkups	Doc_ID	Doc_Name	Doc_Specialization	Hos_ID	Hos_Name	Hos_Phone
1	1	John	Male	40	Xray	[NULL]	[NULL]	[NULL]	1	Manipal	3125618337
2	2	Ibrahim	Male	45	Xray	[NULL]	[NULL]	[NULL]	1	Manipal	3125618337
3	3	Alok	Male	28	Sugar	101	Shyam	Diabetologist	1	Manipal	3125618337
4	4	Nagma	Female	35	Sugar	101	Shyam	Diabetologist	1	Manipal	3125618337
5	5	Shilpa	Female	32	BP	102	Raj	Cardiologist	1	Manipal	3125618337
6	6	Vishnu	Male	65	BP	102	Raj	Cardiologist	1	Manipal	3125618337
7	7	Suma	Female	25	Eye Test	103	Deepa	Ophthalmologist	1	Manipal	3125618337
8	8	Rajath	Female	70	Eye Test	103	Deepa	Ophthalmologist	1	Manipal	3125618337
9	9	Shashank	Male	50	BP	102	Raj	Cardiologist	1	Manipal	3125618337
10	10	Samnay	Female	20	Eye Test	103	Deepa	Ophthalmologist	1	Manipal	3125618337
11	11	Sharath	Male	27	Sugar	101	Shyam	Diabetologist	1	Manipal	3125618337
12	12	Suma	Female	38	Xray	[NULL]	[NULL]	[NULL]	1	Manipal	3125618337
13	13	Aryan	Male	56	Sugar	101	Shyam	Diabetologist	1	Manipal	3125618337
14	14	Bheem	Male	75	Sugar	101	Shyam	Diabetologist	1	Manipal	3125618337
15	15	Ramya	Female	48	BP	102	Raj	Cardiologist	1	Manipal	3125618337
16	16	Sumanth	Male	37	Eye Test	103	Deepa	Ophthalmologist	1	Manipal	3125618337
17	17	Josna	Female	42	Xray	104	Priya	Radiologist	2	Appollo	4109349054

DBeaver 22.2.0 - <soukya> Script_Joins.sql

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback Auto soukya dbo@soukya

<soukya> Insurance_Co... <soukya> Script_SSIS.sql <soukya> Script_SSRS.sql <soukya> CarSales_Com... <soukya> FA_Cinema_Tick... <soukya> FA_Cinema_Co... <+> <soukya> Script_Joins.sql

```
select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone from TE_FA_JPatient as P
inner join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID inner join TE_FA_J_Hospital as H on D.Hos_ID = H.Hos_ID

--Patient Visting Particular Doctor and Patient who don't have Particular Doctor (Full Join)-
select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone from TE_FA_JPatient as P
full join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID full join TE_FA_J_Hospital as H on P.Hos_ID = H.Hos_ID

--select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone from TE_FA_JPatient as P
--full join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID full join TE_FA_J_Hospital as H on D.Hos_ID = H.Hos_ID

--Full Join--
select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone,H.Hos_City from TE_FA_JPatient
full join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID

--select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone,H.Hos_City from TE_FA_JPatient
full join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID full join TE_FA_J_Hospital as H on P.Hos_ID = H.Hos_ID
```

Patients and all Doctors Details (Right Join)

Patient, Doctor and Hospital Details for Doctors who treat patients

DBeaver 22.2.0 - <soukya> Joins_Assessment

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback Auto soukya dbo@soukya

```
<soukya> Nor... <soukya> FA_I... <soukya> FA_S... <soukya> Jo... <soukya> FA_I... <soukya> FA_S... <soukya> FA_S... <soukya> FA... <soukya> FA... <soukya> Scri... <soukya> Cons...
```

select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization from TE_FA_JPatient as P
right join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID

--Patient,Doctor and Hospital Details for Doctors who treat patients--
select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone,H.Hos_City from TE_FA_JPatient
right join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID inner join TE_FA_J_Hospital as H on P.Hos_ID = H.Hos_ID

--select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone,H.Hos_City from TE_FA_JPatient
right join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID right join TE_FA_J_Hospital as H on P.Hos_ID = H.Hos_ID

--Patients Details both who have particular doctor and who doesn't have doctor (Left Join)--
select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization from TE_FA_JPatient as P

Results 1 x

select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization from TE_FA_JPatient as P

Pat_ID	Pat_Name	Pat_Gender	Pat_Age	Pat_Checkups	Doc_ID	Doc_Name	Doc_Specialization	Hos_ID	Hos_Name	Hos_Phone	Hos_City
34	41 Hema	Female	73	Eye Test	111	Rakshit	Ophthalmologist	3	Sahyadri	6153500344	Shimoga
35	42 Nethra	Female	64	Eye Test	111	Rakshit	Ophthalmologist	3	Sahyadri	6153500344	Shimoga
36	43 Prajwal	Male	37	BP	110	Mounya	Cardiologist	3	Sahyadri	6153500344	Shimoga
37	44 Punit	Male	50	Xray	108	Chethan	Radiologist	3	Sahyadri	6153500344	Shimoga
38	45 Sindhu	Female	29	Sugar	109	Sushma	Diabetologist	3	Sahyadri	6153500344	Shimoga
39	46 Madhu	Female	59	Xray	108	Chethan	Radiologist	3	Sahyadri	6153500344	Shimoga
40	47 Vinod	Male	56	Eye Test	111	Rakshit	Ophthalmologist	3	Sahyadri	6153500344	Shimoga
41	48 Vikas	Male	27	Sugar	109	Sushma	Diabetologist	3	Sahyadri	6153500344	Shimoga
42	49 Nanditha	Female	65	BP	110	Mounya	Cardiologist	3	Sahyadri	6153500344	Shimoga
43	50 Navya	Female	78	Eye Test	111	Rakshit	Ophthalmologist	3	Sahyadri	6153500344	Shimoga
44	51 Ganavi	Female	22	BP	110	Mounya	Cardiologist	3	Sahyadri	6153500344	Shimoga
45	52 Likith	Male	43	Xray	108	Chethan	Radiologist	3	Sahyadri	6153500344	Shimoga

Patients Details using Left Join

DBBeaver 22.2.0 - <soukya> Joins_Assessment

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback Auto soukya dbo@soukya

```
--Patients Details both who have particular doctor and who doesn't have doctor (Left Join)--  
select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization from TE_FA_JPatient as P  
Left join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID  
  
--Patients,Doctor,Hospital Details both who visiting have particular doctor and who doesn't have doctor (Left Join)--  
select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone,H.Hos_City from TE_FA_JPatient  
Left join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID inner join TE_FA_J_Hospital as H on P.Hos_ID = H.Hos_ID  
  
select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone,H.Hos_City from TE_FA_JPatient  
Left join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID Left join TE_FA_J_Hospital as H on P.Hos_ID = H.Hos_ID
```

Results 1 x

select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization

Pat_ID	Pat_Name	Pat_Gender	Pat_Age	Pat_Checkups	Doc_ID	Doc_Name	Doc_Specialization
41	41 Hema	Female	73	Eye Test	111	Rakshith	Ophthalmologist
42	42 Nethra	Female	64	Eye Test	111	Rakshith	Ophthalmologist
43	43 Prajwal	Male	37	BP	110	Mounya	Cardiologist
44	44 Punit	Male	50	Xray	108	Chethan	Radiologist
45	45 Sindhu	Female	29	Sugar	109	Sushma	Diabetologist
46	46 Madhu	Female	59	Xray	108	Chethan	Radiologist
47	47 Vinod	Male	56	Eye Test	111	Rakshith	Ophthalmologist
48	48 Vikas	Male	27	Sugar	109	Sushma	Diabetologist
49	49 Nanditha	Female	65	BP	110	Mounya	Cardiologist
50	50 Navya	Female	78	Eye Test	111	Rakshith	Ophthalmologist
51	51 Ganavi	Female	22	BP	110	Mounya	Cardiologist
52	52 Likith	Male	43	Xray	108	Chethan	Radiologist

Patients, Doctor, Hospital Details using Left Join

DBeaver 22.2.0 - <soukya> Joins_Assessment

```
--Patients Details both who have particular doctor and who doesn't have doctor (Left Join)-
select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization from TE_FA_JPatient as P
Left join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID

--Patients,Doctor,Hospital Details both who visiting have particular doctor and who doesn't have doctor (Left Join)-
select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone,H.Hos_City from TE_FA_JPatient
Left join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID Inner join TE_FA_J_Hospital as H on P.Hos_ID = H.Hos_ID

--select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone,H.Hos_City from TE_FA_JPatient
Left join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID Left join TE_FA_J_Hospital as H on P.Hos_ID = H.Hos_ID
```

Results 1

Pat_ID	Pat_Name	Pat_Gender	Pat_Age	Pat_Checkups	Doc_ID	Doc_Name	Doc_Specialization	Hos_ID	Hos_Name	Hos_Phone	Hos_City
1	John	Male	40	Xray	[NULL]	[NULL]	[NULL]	1	Manipal	3125618337	Udupi
2	Ibrahim	Male	45	Xray	[NULL]	[NULL]	[NULL]	1	Manipal	3125618337	Udupi
3	Alok	Male	28	Sugar	101	Shyam	Diabetologist	1	Manipal	3125618337	Udupi
4	Nagma	Female	35	Sugar	101	Shyam	Diabetologist	1	Manipal	3125618337	Udupi
5	Shilpa	Female	32	BP	102	Raj	Cardiologist	1	Manipal	3125618337	Udupi
6	Vishnu	Male	65	BP	102	Raj	Cardiologist	1	Manipal	3125618337	Udupi
7	Suma	Female	25	Eye Test	103	Deepa	Ophthalmologist	1	Manipal	3125618337	Udupi
8	Rajath	Female	70	Eye Test	103	Deepa	Ophthalmologist	1	Manipal	3125618337	Udupi
9	Shashank	Male	50	BP	102	Raj	Cardiologist	1	Manipal	3125618337	Udupi
10	Samay	Female	20	Eye Test	103	Deepa	Ophthalmologist	1	Manipal	3125618337	Udupi
11	Sharath	Male	27	Sugar	101	Shyam	Diabetologist	1	Manipal	3125618337	Udupi
12	Suma	Female	38	Xray	[NULL]	[NULL]	[NULL]	1	Manipal	3125618337	Udupi
13	Aryan	Male	56	Sugar	101	Shyam	Diabetologist	1	Manipal	3125618337	Udupi

52 Rows: 1 52 row(s) fetched - 283ms, on 2022-10-10 at 21:56:2

9:56 PM 10/10/2022

DBeaver 22.2.0 - <soukya> Joins_Assessment

```
--Patients Details both who have particular doctor and who doesn't have doctor (Left Join)-
select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization from TE_FA_JPatient as P
Left join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID

--Patients,Doctor,Hospital Details both who visiting have particular doctor and who doesn't have doctor (Left Join)-
select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone,H.Hos_City from TE_FA_JPatient
Left join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID Inner join TE_FA_J_Hospital as H on P.Hos_ID = H.Hos_ID

--select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone,H.Hos_City from TE_FA_JPatient
Left join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID Left join TE_FA_J_Hospital as H on P.Hos_ID = H.Hos_ID
```

Results 1

Pat_ID	Pat_Name	Pat_Gender	Pat_Age	Pat_Checkups	Doc_ID	Doc_Name	Doc_Specialization	Hos_ID	Hos_Name	Hos_Phone	Hos_City
41	Hema	Female	73	Eye Test	111	Rakshith	Ophthalmologist	3	Sahyadri	6153500344	Shimoga
42	Nethra	Female	64	Eye Test	111	Rakshith	Ophthalmologist	3	Sahyadri	6153500344	Shimoga
43	Prajwal	Male	37	BP	110	Mounya	Cardiologist	3	Sahyadri	6153500344	Shimoga
44	Punith	Male	50	Xray	108	Chethan	Radiologist	3	Sahyadri	6153500344	Shimoga
45	Sindhu	Female	29	Sugar	109	Sushma	Diabetologist	3	Sahyadri	6153500344	Shimoga
46	Madhi	Female	59	Xray	108	Chethan	Radiologist	3	Sahyadri	6153500344	Shimoga
47	Vinod	Male	56	Eye Test	111	Rakshith	Ophthalmologist	3	Sahyadri	6153500344	Shimoga
48	Vikas	Male	27	Sugar	109	Sushma	Diabetologist	3	Sahyadri	6153500344	Shimoga
49	Nanditha	Female	65	BP	110	Mounya	Cardiologist	3	Sahyadri	6153500344	Shimoga
50	Navya	Female	78	Eye Test	111	Rakshith	Ophthalmologist	3	Sahyadri	6153500344	Shimoga
51	Garavni	Female	22	BP	110	Mounya	Cardiologist	3	Sahyadri	6153500344	Shimoga
52	Likith	Male	43	Xray	108	Chethan	Radiologist	3	Sahyadri	6153500344	Shimoga

52 Rows: 1 52 row(s) fetched - 283ms, on 2022-10-10 at 21:56:2

9:56 PM 10/10/2022

DBeaver 22.2.0 - <soukya> Joins_Assessment

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback Auto soukya dbo@soukya

```

--> select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone from TE_FA_JPatient as P
full join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID full join TE_FA_J_Hospital as H on P.Hos_ID = H.Hos_ID

--> select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone from TE_FA_JPatient as P
full join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID full join TE_FA_J_Hospital as H on D.Hos_ID = H.Hos_ID

--> --Left Join--
--> select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone,H.Hos_City from TE_FA_JPatient
full join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID full join TE_FA_J_Hospital as H on P.Hos_ID = H.Hos_ID

--> select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone,H.Hos_City from TE_FA_JPatient
full join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID full join TE_FA_J_Hospital as H on D.Hos_ID = H.Hos_ID

--> --Right Join--
--> select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone,H.Hos_City from TE_FA_JPatient
right join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID inner join TE_FA_J_Hospital as H on P.Hos_ID = H.Hos_ID

--> select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone,H.Hos_City from TE_FA_JPatient
right join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID right join TE_FA_J_Hospital as H on P.Hos_ID = H.Hos_ID

--> --Left Join--
--> select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone,H.Hos_City from TE_FA_JPatient
Left join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID inner join TE_FA_J_Hospital as H on P.Hos_ID = H.Hos_ID

--> select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone,H.Hos_City from TE_FA_JPatient
Left join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID left join TE_FA_J_Hospital as H on P.Hos_ID = H.Hos_ID

--> --Cross Join--
--> select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone,H.Hos_City from TE_FA_JPatient
cross join TE_FA_J_Doctor as D cross join TE_FA_J_Hospital as H

```

Results 1

IST en Writable Smart Insert 152 : 65 [238] Sel: 238 | 2 4:07 PM 10/5/2022

DBeaver 22.2.0 - <soukya> Joins_Assessment

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback Auto soukya dbo@soukya

```

--> select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone from TE_FA_JPatient as P

```

Results 1

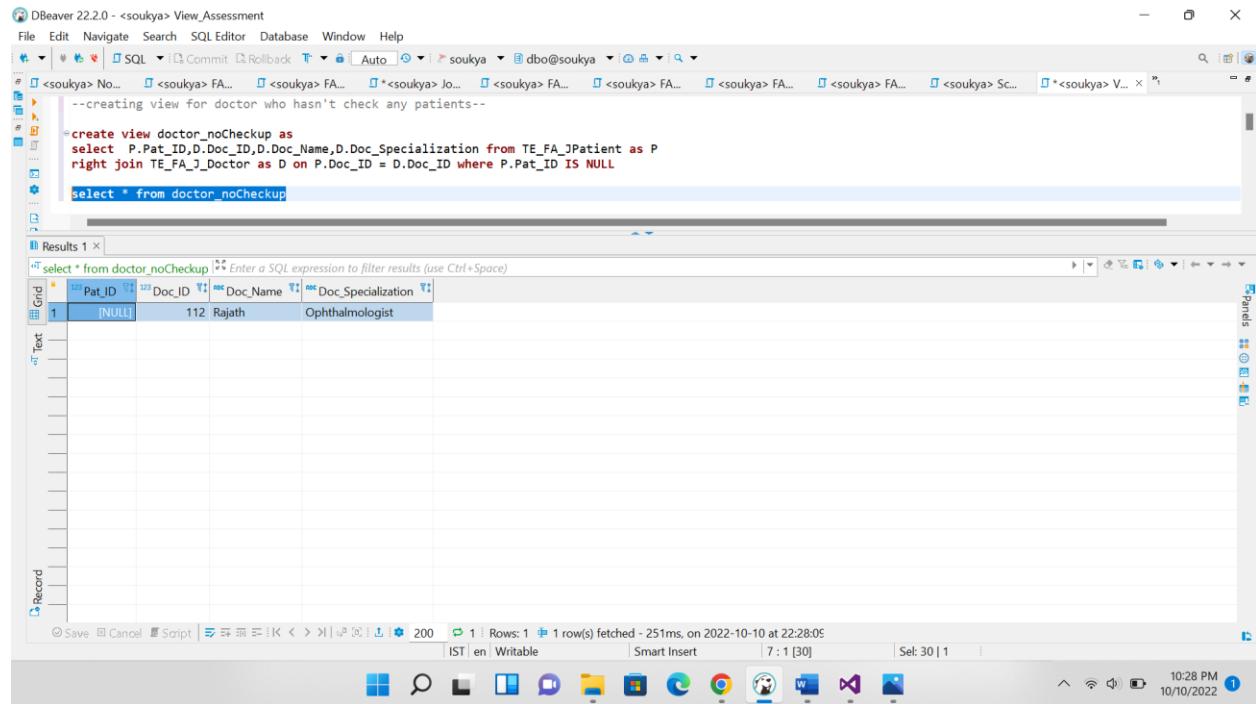
Pat_ID	Pat_Name	Pat_Gender	Pat_Age	Pat_Checkups	Doc_ID	Doc_Name	Doc_Specialization	Hos_ID	Hos_Name	Hos_Phone	Hos_City
1539	31 Raksha	Female	80 BP	111 Rakshith	Ophthalmologist	3 Sahyadri	6153500344	Shimoga			
1540	32 Spoorthy	Female	56 Eye Test	111 Rakshith	Ophthalmologist	3 Sahyadri	6153500344	Shimoga			
1541	33 Samiksha	Female	64 BP	111 Rakshith	Ophthalmologist	3 Sahyadri	6153500344	Shimoga			
1542	34 Sinchana	Female	24 Xray	111 Rakshith	Ophthalmologist	3 Sahyadri	6153500344	Shimoga			
1543	35 Uma	Female	26 Xray	111 Rakshith	Ophthalmologist	3 Sahyadri	6153500344	Shimoga			
1544	36 Nischal	Male	31 Xray	111 Rakshith	Ophthalmologist	3 Sahyadri	6153500344	Shimoga			
1545	37 Bhanu	Female	28 Sugar	111 Rakshith	Ophthalmologist	3 Sahyadri	6153500344	Shimoga			
1546	38 Misbah	Female	49 Sugar	111 Rakshith	Ophthalmologist	3 Sahyadri	6153500344	Shimoga			
1547	39 Madhusudhan	Male	51 BP	111 Rakshith	Ophthalmologist	3 Sahyadri	6153500344	Shimoga			
1548	40 Vinay	Male	90 BP	111 Rakshith	Ophthalmologist	3 Sahyadri	6153500344	Shimoga			
1549	41 Hema	Female	73 Eye Test	111 Rakshith	Ophthalmologist	3 Sahyadri	6153500344	Shimoga			
1550	42 Nethra	Female	64 Eye Test	111 Rakshith	Ophthalmologist	3 Sahyadri	6153500344	Shimoga			
1551	43 Prajwal	Male	37 BP	111 Rakshith	Ophthalmologist	3 Sahyadri	6153500344	Shimoga			
1552	44 Punith	Male	50 Xray	111 Rakshith	Ophthalmologist	3 Sahyadri	6153500344	Shimoga			
1553	45 Sindhu	Female	29 Sugar	111 Rakshith	Ophthalmologist	3 Sahyadri	6153500344	Shimoga			
1554	46 Madhu	Female	59 Xray	111 Rakshith	Ophthalmologist	3 Sahyadri	6153500344	Shimoga			
1555	47 Vinod	Male	56 Eye Test	111 Rakshith	Ophthalmologist	3 Sahyadri	6153500344	Shimoga			
1556	48 Vikas	Male	27 Sugar	111 Rakshith	Ophthalmologist	3 Sahyadri	6153500344	Shimoga			
1557	49 Nanditha	Female	65 BP	111 Rakshith	Ophthalmologist	3 Sahyadri	6153500344	Shimoga			
1558	50 Navya	Female	78 Eye Test	111 Rakshith	Ophthalmologist	3 Sahyadri	6153500344	Shimoga			
1559	51 Garavi	Female	22 BP	111 Rakshith	Ophthalmologist	3 Sahyadri	6153500344	Shimoga			
1560	52 Likith	Male	43 Xray	111 Rakshith	Ophthalmologist	3 Sahyadri	6153500344	Shimoga			

Save Cancel Script 1,560 Rows: 1 1,560 row(s) fetched - 516ms (66ms fetch), on 2022-10-05 4:07 PM 10/5/2022

IST en Writable Smart Insert 152 : 65 [238] Sel: 238 | 2 4:07 PM 10/5/2022

4. Create different Views

creating view for doctor who hasn't check any patients



DBBeaver 22.2.0 - <soukya> View_Assessment

```
--creating view for doctor who hasn't check any patients--  
create view doctor_noCheckup as  
select P.Pat_ID,D.Doc_ID,D.Doc_Name,D.Doc_Specialization from TE_FA_JPatient as P  
right join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID where P.Pat_ID IS NULL  
  
select * from doctor_noCheckup
```

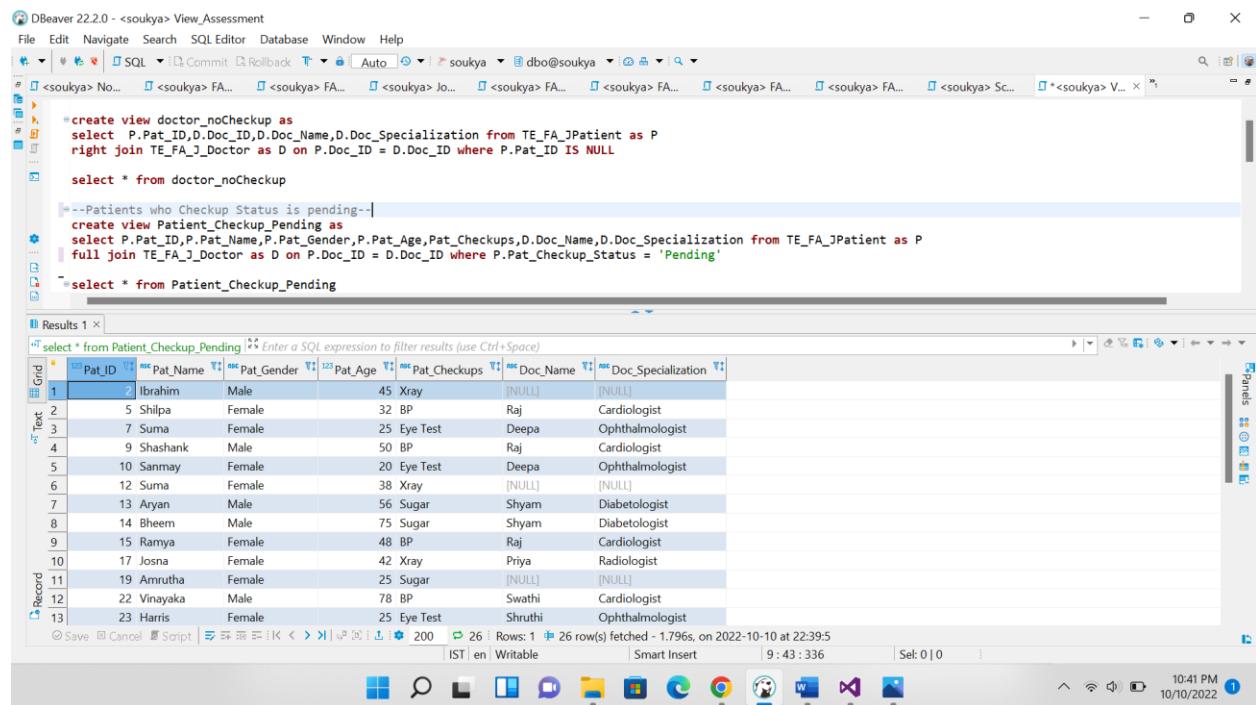
Results 1

Pat_ID	Doc_ID	Doc_Name	Doc_Specialization
1	[NULL]	112 Rajath	Ophthalmologist

1 Rows: 1 1 row(s) fetched - 251ms, on 2022-10-10 at 22:28:05

10:28 PM 10/10/2022

Patients who Checkup Status is pending



DBBeaver 22.2.0 - <soukya> View_Assessment

```
--create view doctor_noCheckup as  
select P.Pat_ID,D.Doc_ID,D.Doc_Name,D.Doc_Specialization from TE_FA_JPatient as P  
right join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID where P.Pat_ID IS NULL  
  
select * from doctor_noCheckup  
  
--Patients who Checkup Status is pending--  
create view Patient_Checkup_Pending as  
select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_Name,D.Doc_Specialization from TE_FA_JPatient as P  
full join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID where P.Pat_Checkup_Status = 'Pending'  
  
select * from Patient_Checkup_Pending
```

Results 1

Pat_ID	Pat_Name	Pat_Gender	Pat_Age	Pat_Checkups	Doc_Name	Doc_Specialization
1	Ibrahim	Male	45	Xray	[NULL]	[NULL]
2	5 Shilpa	Female	32	BP	Raj	Cardiologist
3	7 Suma	Female	25	Eye Test	Deepa	Ophthalmologist
4	9 Shashank	Male	50	BP	Raj	Cardiologist
5	10 Samay	Female	20	Eye Test	Deepa	Ophthalmologist
6	12 Suma	Female	38	Xray	[NULL]	[NULL]
7	13 Aryan	Male	56	Sugar	Shyam	Diabetologist
8	14 Bheem	Male	75	Sugar	Shyam	Diabetologist
9	15 Ramya	Female	48	BP	Raj	Cardiologist
10	17 Josna	Female	42	Xray	Priya	Radiologist
11	19 Amrutha	Female	25	Sugar	[NULL]	[NULL]
12	22 Vinayaka	Male	78	BP	Swathi	Cardiologist
13	23 Harris	Female	25	Eye Test	Shruthi	Ophthalmologist

1 Rows: 1 26 row(s) fetched - 1.796s, on 2022-10-10 at 22:39:56

10:41 PM 10/10/2022

Patients Belong to hospital Sahyadri

DBeaver 22.2.0 - <soukya> View_Assessment

File Edit Navigate Search SQL Editor Database Window Help

<soukya> Chart <SKT_S_HREMPLOYEES> <soukya> Constraints ... <soukya> Normalizati... <soukya> Normalizati... <dlithe> Joins and V... <soukya> Joins_Asses... <soukya> View_Asse... x

```
--Create View--
--Creating Simple Views--
create view v50 as
select Pat_ID,Pat_Name,Pat_Gender,Pat_Age from TE_FA_Patient
select * from v50
```

Results 1 x

select * from v50 Enter a SQL expression to filter results (use Ctrl+Space)

	Pat_ID	Pat_Name	Pat_Gender	Pat_Age
1	1	John	Male	40
2	2	Ibrahim	Male	45
3	3	Alok	Male	28
4	4	Nagma	Female	35
5	5	Shilpa	Female	32
6	6	Vishnu	Male	65
7	7	Suma	Female	25
8	8	Rajath	Female	70
9	9	Shashank	Male	50
10	10	Samay	Female	20
11	11	Sharath	Male	27
12	12	Suma	Female	38
13	13	Aryan	Male	56
14	14	Bheem	Male	75
15	15	Ramya	Female	48
16	16	Sumanth	Male	37

52 rows fetched - 205ms, on 2022-10-05 at 16:49:5

4:50 PM 10/5/2022

DBeaver 22.2.0 - <soukya> View_Assessment

File Edit Navigate Search SQL Editor Database Window Help

<soukya> No... <soukya> FA... <soukya> Sc... <soukya> V... x

```
--Patients Belong to hospital Sahyadri--
create view Hospital_Sahyadri as
select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,H.Hos_Name from TE_FA_JPatient as P right join TE_FA_J_Hospital as H on P.Hos_ID = H.Hos_ID
where H.Hos_Name = 'Sahyadri'
select * from Hospital_Sahyadri
```

Results 1 x

select * from Hospital_Sahyadri Enter a SQL expression to filter results (use Ctrl+Space)

	Pat_ID	Pat_Name	Pat_Gender	Pat_Age	Hos_Name
4	38	Misbah	Female	49	Sahyadri
5	39	Madhusudhan	Male	51	Sahyadri
6	40	Vinay	Male	90	Sahyadri
7	41	Hema	Female	73	Sahyadri
8	42	Nethra	Female	64	Sahyadri
9	43	Prajwal	Male	37	Sahyadri
10	44	Punith	Male	50	Sahyadri
11	45	Sindhu	Female	29	Sahyadri
12	46	Madhu	Female	59	Sahyadri
13	47	Vinod	Male	56	Sahyadri
14	48	Vikas	Male	27	Sahyadri
15	49	Nanditha	Female	65	Sahyadri
16	50	Navya	Female	78	Sahyadri
17	51	Ganavi	Female	22	Sahyadri
18	52	Likhith	Male	43	Sahyadri

18 rows fetched - 269ms, on 2022-10-10 at 22:48:4

10:48 PM 10/10/2022

DBeaver 22.0 - <soukya> View_Assessment

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback soukya dbo@soukya

--Create View--

--Creating Simple Views--

```
create view v50 as
select Pat_ID,Pat_Name,Pat_Gender,Pat_Age from TE_FA_Patient
```

select * from v50

Results 1

select * from v50 Enter a SQL expression to filter results (use Ctrl+Space)

Pat_ID	Pat_Name	Pat_Gender	Pat_Age
38	Misbah	Female	49
39	Madhusudhan	Male	51
40	Vinay	Male	90
41	Hema	Female	73
42	Nethra	Female	64
43	Prajwal	Male	37
44	Punith	Male	50
45	Sindhu	Female	29
46	Madhu	Female	59
47	Vinod	Male	56
48	Vikas	Male	27
49	Nanditha	Female	65
50	Navya	Female	78
51	Ganavi	Female	22
52	Likith	Male	43

52 Rows: 1 52 row(s) fetched - 205ms, on 2022-10-05 at 16:49:5

Save Cancel Script 200 52 Rows: 1 52 row(s) fetched - 205ms, on 2022-10-05 at 16:49:5 IST en Writable Smart Insert 9:1 [19] Sel: 19 | 1

4:50 PM 10/5/2022

Few more examples for view

DBeaver 22.0 - <soukya> View_Assessment

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback soukya dbo@soukya

```
alter view v2 as
select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone,H.Hos_City from TE_FA_JPatient
full join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID full join TE_FA_J_Hospital as H on P.Hos_ID = H.Hos_ID

create view v3 as
select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone,H.Hos_City from TE_FA_JPatient
right join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID right join TE_FA_J_Hospital as H on D.Hos_ID = H.Hos_ID

create view v4 as
select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone,H.Hos_City from TE_FA_JPatient
inner join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID inner join TE_FA_J_Hospital as H on P.Hos_ID = H.Hos_ID where D.Doc_Specialization = 'Ophthalmologist'
```

Results 1

select * from v4 Enter a SQL expression to filter results (use Ctrl+Space)

Pat_ID	Pat_Name	Pat_Gender	Pat_Age	Pat_Checkups	Doc_ID	Doc_Name	Doc_Specialization	Hos_ID	Hos_Name	Hos_Phone	Hos_City
1	Suma	Female	25	Eye Test	103	Deepa	Ophthalmologist	1	Manipal	3125618337	Udupi
2	Rajath	Female	70	Eye Test	103	Deepa	Ophthalmologist	1	Manipal	3125618337	Udupi
3	Sanmay	Female	20	Eye Test	103	Deepa	Ophthalmologist	1	Manipal	3125618337	Udupi
4	Sumanth	Male	37	Eye Test	103	Deepa	Ophthalmologist	1	Manipal	3125618337	Udupi
5	Harris	Female	25	Eye Test	107	Shruthi	Ophthalmologist	2	Appollo	4109349054	Banglore
6	Ram	Male	26	Eye Test	107	Shruthi	Ophthalmologist	2	Appollo	4109349054	Banglore
7	Arun	Male	53	Eye Test	107	Shruthi	Ophthalmologist	2	Appollo	4109349054	Banglore
8	Spooorthy	Female	56	Eye Test	107	Shruthi	Ophthalmologist	2	Appollo	4109349054	Banglore
9	Hema	Female	73	Eye Test	111	Rakshith	Ophthalmologist	3	Sahyadri	6153500344	Shimoga
10	Nethra	Female	64	Eye Test	111	Rakshith	Ophthalmologist	3	Sahyadri	6153500344	Shimoga
11	Vinod	Male	56	Eye Test	111	Rakshith	Ophthalmologist	3	Sahyadri	6153500344	Shimoga
12	Navya	Female	78	Eye Test	111	Rakshith	Ophthalmologist	3	Sahyadri	6153500344	Shimoga

12 Rows: 1 12 row(s) fetched - 179ms, on 2022-10-05 at 16:53:4

Save Cancel Script 200 12 Rows: 1 12 row(s) fetched - 179ms, on 2022-10-05 at 16:53:4 IST en Writable Smart Insert 38:1 [351] Sel: 351 | 3

4:54 PM 10/5/2022

DBBeaver 22.2.0 - <soukya> View_Assessment

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback soukya dbo@soukya

<soukya> Chart SKT_S_HREMPLOYEES <soukya> Constraints ... <soukya> Normalizati... <soukya> Normalizati... <dlithe> Joins and ... <soukya> Joins_Asse... <soukya> View_Asses... X

```
--Creating Complex View--  
create view v1 as  
select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone from TE_FA_JPatient as P  
inner join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID inner join TE_FA_J_Hospital as H on D.Hos_ID = H.Hos_ID  
  
select * from v1  
  
alter view v1 as  
select P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone,H.Hos_City from TE_FA_JPatient as P  
inner join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID inner join TE_FA_J_Hospital as H on D.Hos_ID = H.Hos_ID  
  
create view v2 as  
select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone,H.Hos_City from TE_FA_JPatient as P  
full join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID full join TE_FA_J_Hospital as H on P.Hos_ID = H.Hos_ID  
  
alter view v2 as  
select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone,H.Hos_City from TE_FA_JPatient as P  
full join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID full join TE_FA_J_Hospital as H on P.Hos_ID = H.Hos_ID  
  
create view v3 as  
select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone,H.Hos_City from TE_FA_JPatient as P  
right join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID right join TE_FA_J_Hospital as H on D.Hos_ID = H.Hos_ID  
  
create view v4 as  
select P.Pat_ID,P.Pat_Name,P.Pat_Gender,P.Pat_Age,Pat_Checkups,D.Doc_ID,D.Doc_Name,D.Doc_Specialization,H.Hos_ID,H.Hos_Name,H.Hos_Phone,H.Hos_City from TE_FA_JPatient as P  
inner join TE_FA_J_Doctor as D on P.Doc_ID = D.Doc_ID inner join TE_FA_J_Hospital as H on P.Hos_ID = H.Hos_ID where D.Doc_Specialization = 'Ophthalmologist'  
  
select * from v4
```

Results 1

IST | en | Writable | Smart Insert | 38 : 1 : 2049 | Sel: 0 | 0 |

11:34 PM 10/5/2022