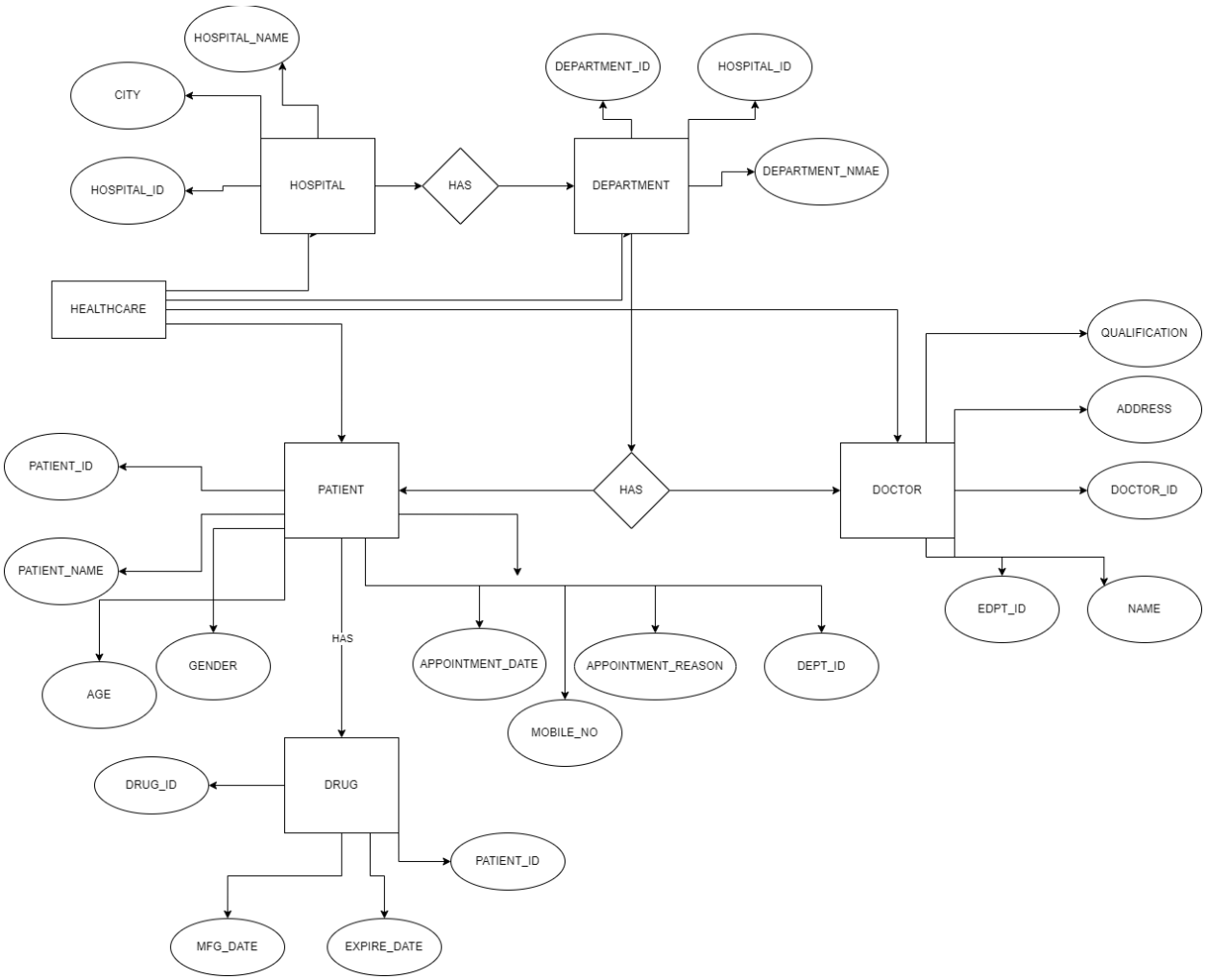
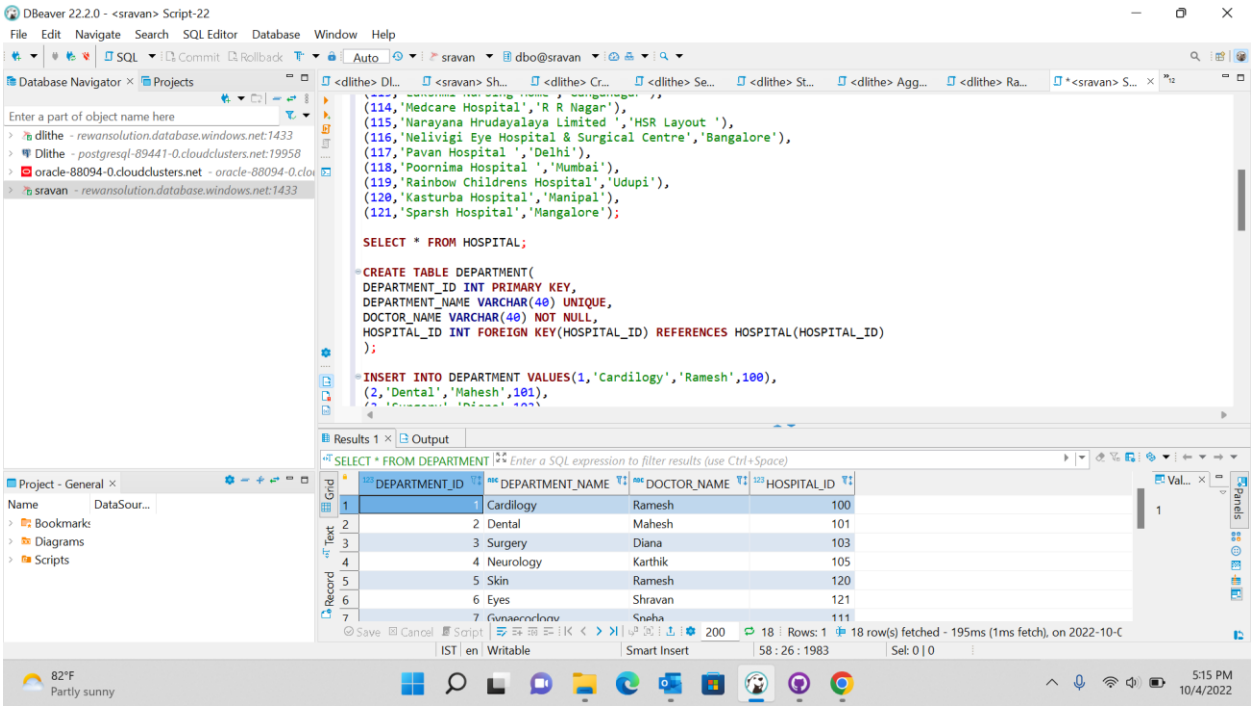
1. NORMALIZATION

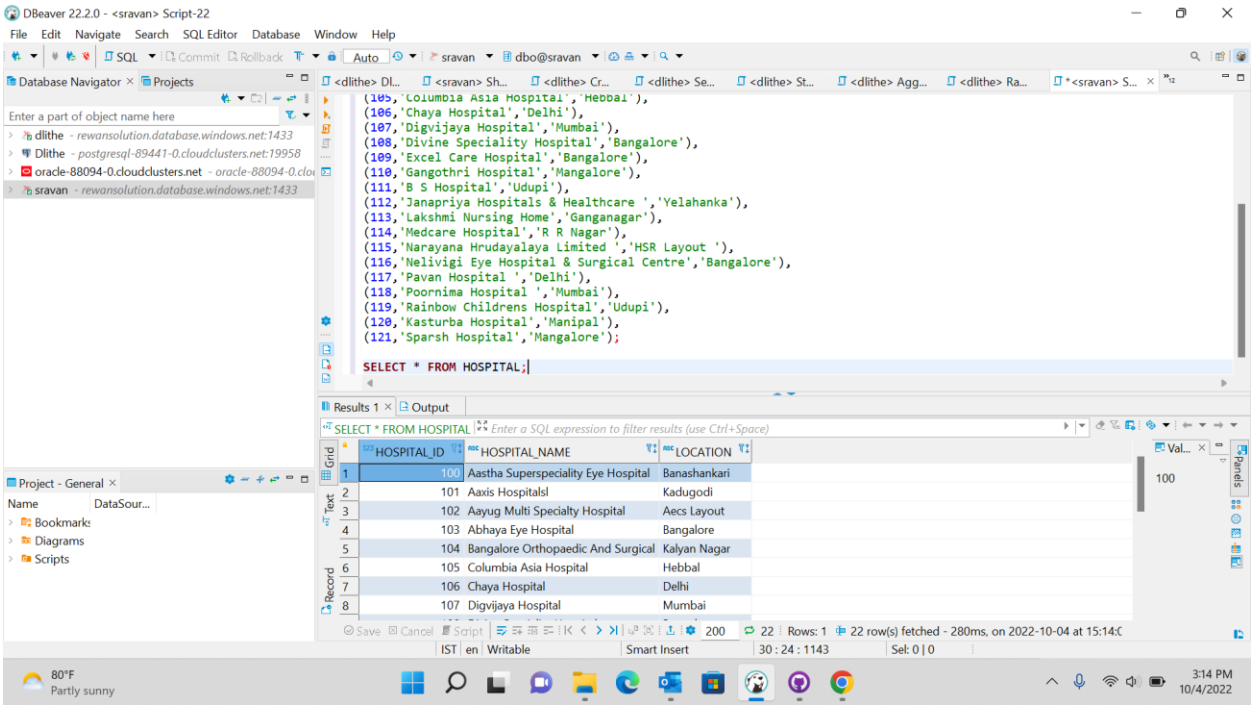
Entity Relationship Diagram



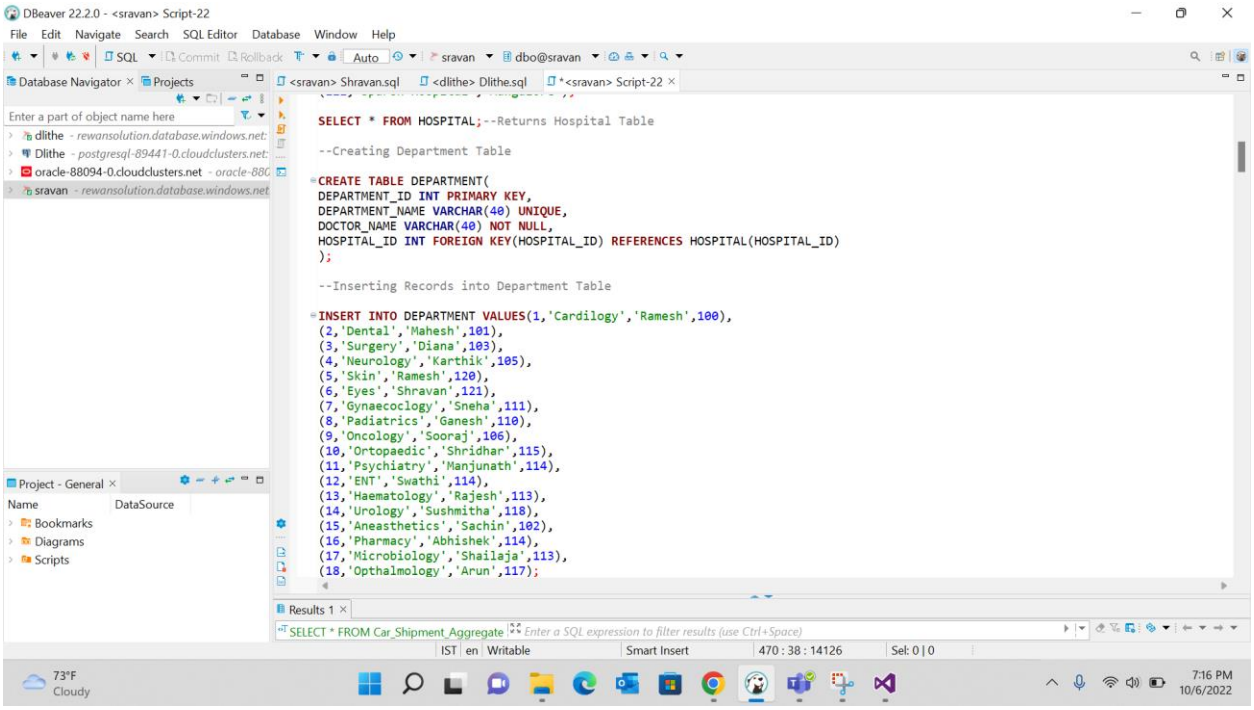
Creating Hospital Table



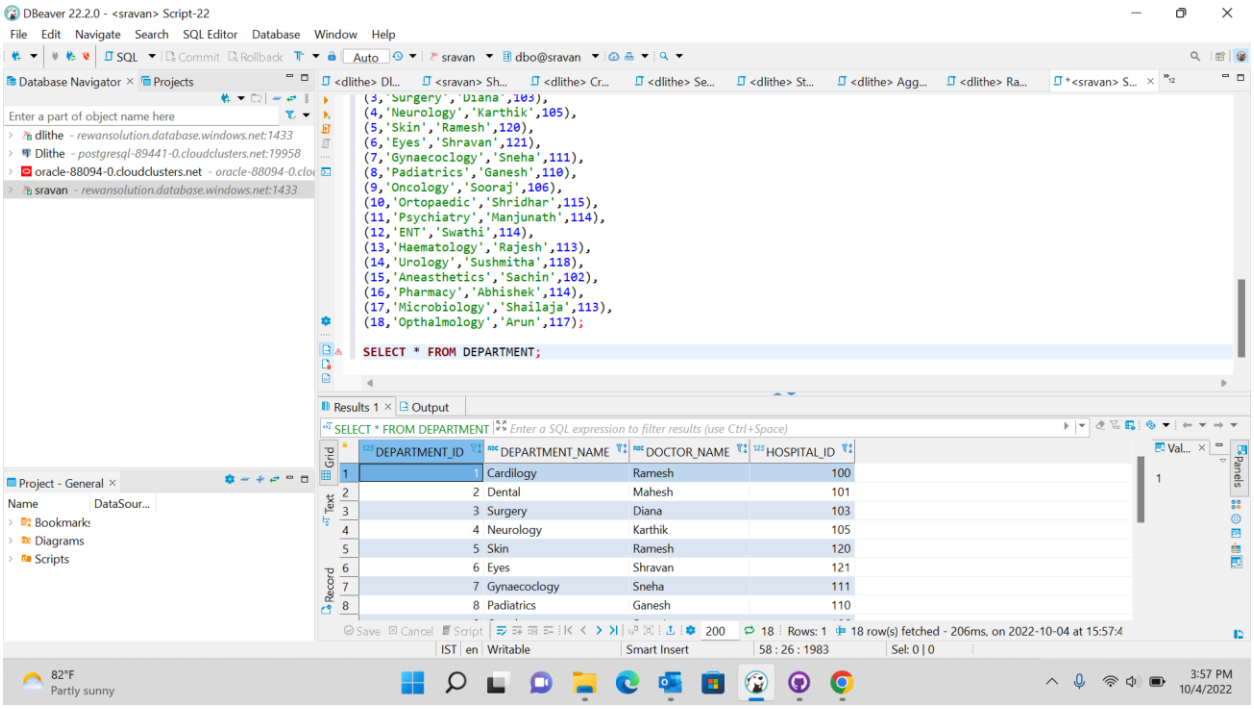
Inserting Values to Hospital Table



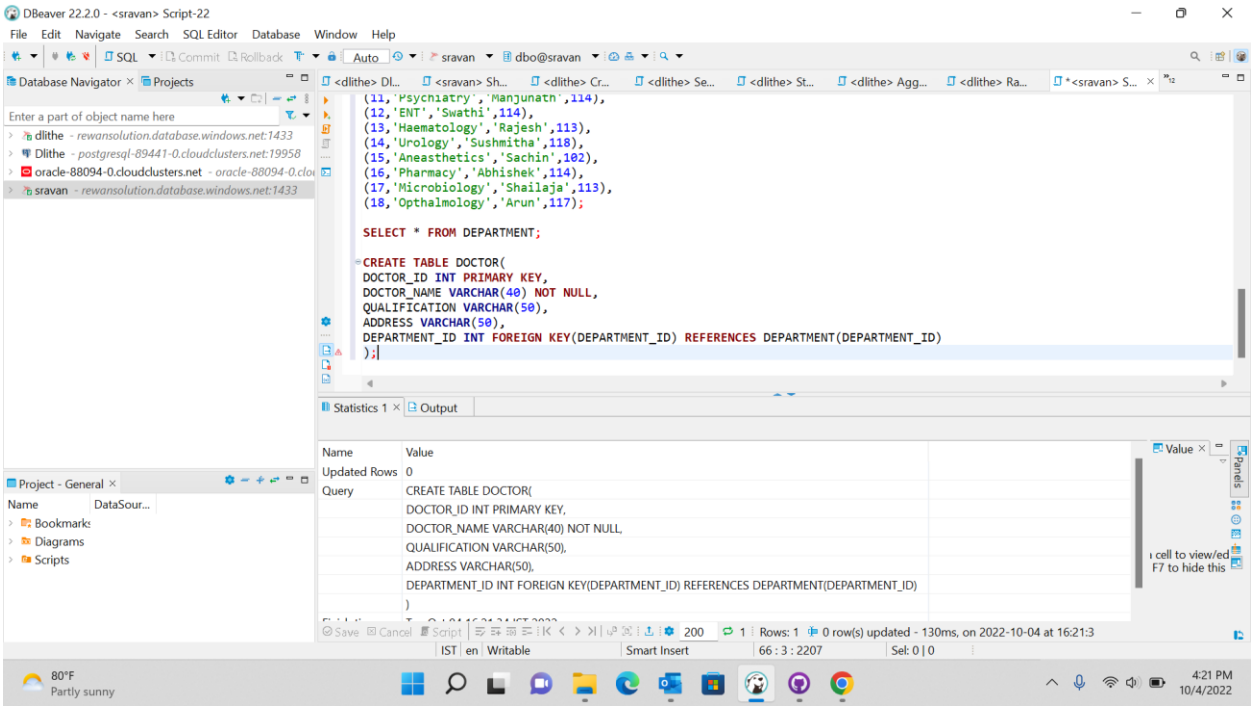
Creating Department Table



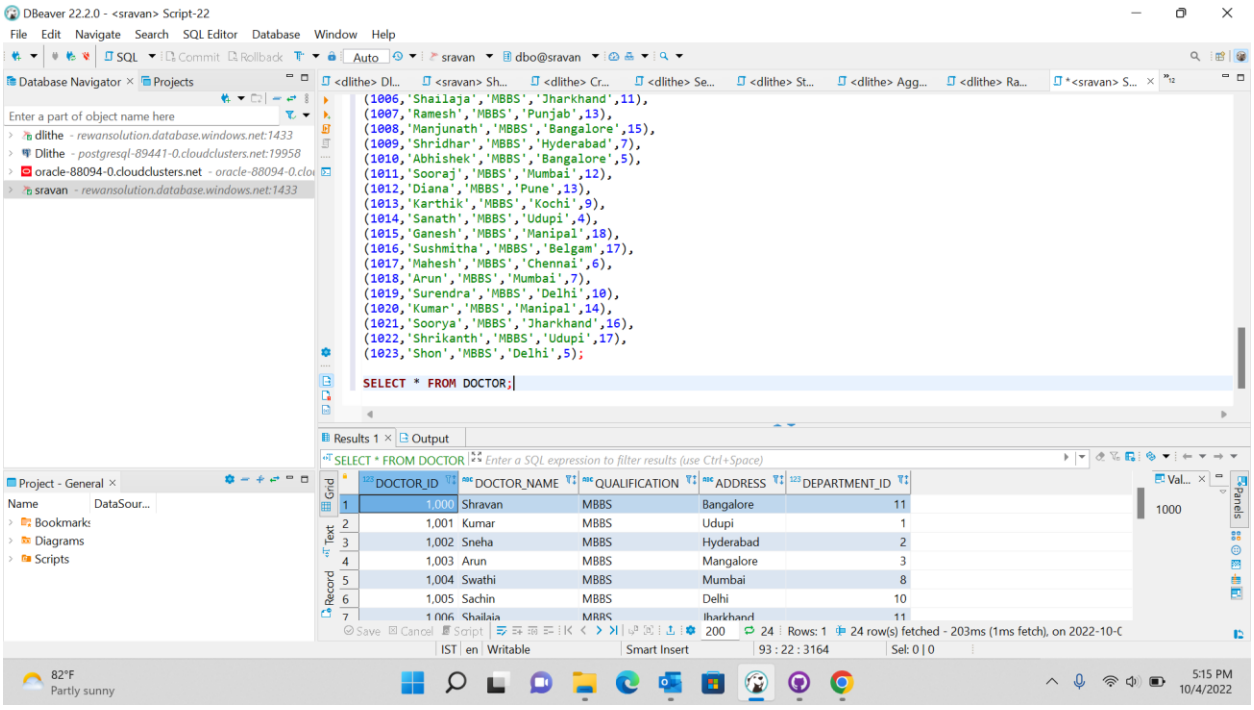
Inserting Values into Department Table



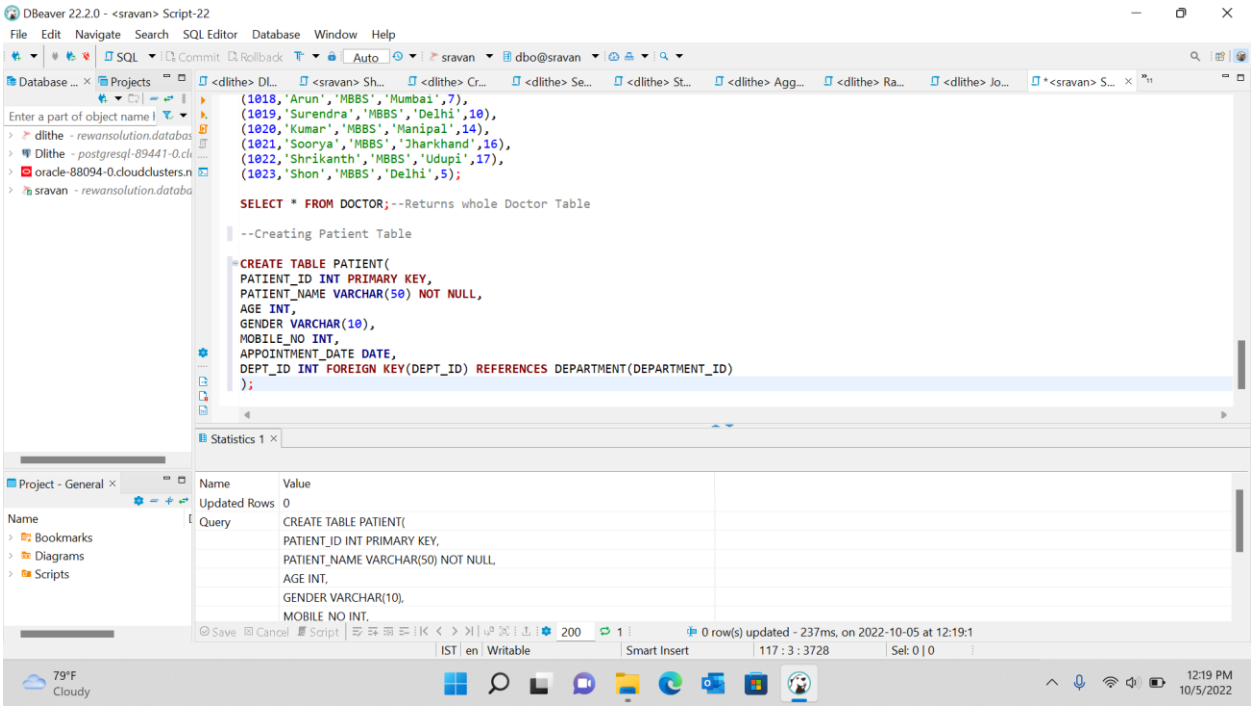
Creating Doctor Table



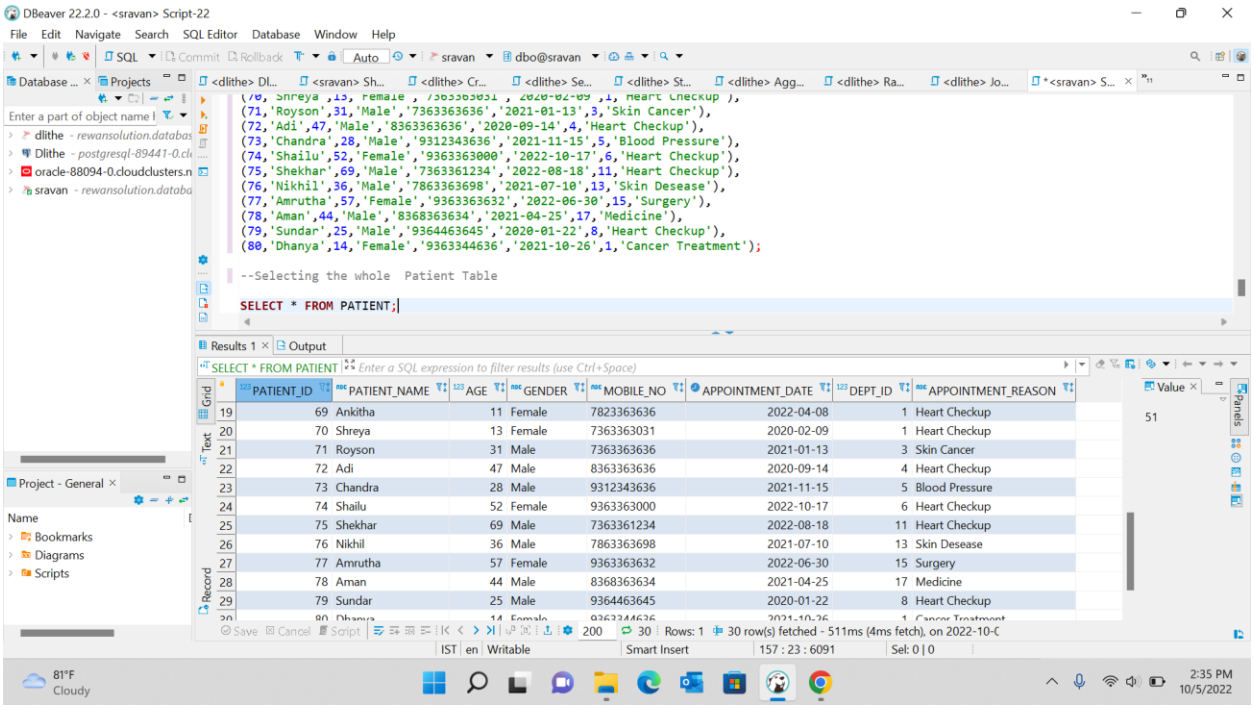
Inserting Values into Doctor Table



Creating Patient Table



Inserting Values into Patient Table



Creating Drug Table

```sql
--Selecting the whole  Patient Table

--Creating Drug Table

CREATE TABLE DRUG(
DRUG_ID INT PRIMARY KEY,
MFG_DATE VARCHAR(20),
EXPIRE_DATE VARCHAR(20),
PATIENT_ID INT FOREIGN KEY(PATIENT_ID) REFERENCES PATIENT(PATIENT_ID)
);

SELECT * FROM PATIENT;

--INNER JOIN--
```

Statistics 1

Name	Value
Updated Rows	0
Query	CREATE TABLE DRUG(
	DRUG_ID INT PRIMARY KEY,
	MFG_DATE VARCHAR(20),
	EXPIRE_DATE VARCHAR(20),
	PATIENT_ID INT FOREIGN KEY(PATIENT_ID) REFERENCES PATIENT(PATIENT_ID)
	)
Finish time	Fri Oct 14 15:24:58 IST 2022

Inserting Values into Drug Table

```sql
DRUG_ID INT PRIMARY KEY,
MFG_DATE VARCHAR(20),
EXPIRE_DATE VARCHAR(20),
PATIENT_ID INT FOREIGN KEY(PATIENT_ID) REFERENCES PATIENT(PATIENT_ID)
);

INSERT INTO DRUG VALUES(1,'12-10-2022','12-10-2025',53),
(2,'10-10-2022','10-10-2025',53),
(3,'12-01-2021','12-01-2024',55),
(4,'01-07-2022','01-07-2025',58),
(5,'17-12-2021','17-12-2024',63),
(6,'23-02-2022','23-02-2025',73),
(7,'30-12-2023','30-12-2026',75),
(8,'09-07-2021','09-07-2024',67),
(9,'20-08-2021','20-08-2024',70),
(10,'13-11-2022','13-11-2025',80),
(11,'05-05-2022','05-05-2025',77);

--Selecting Drug Table

SELECT * FROM DRUG;
```

Results 1

SELECT * FROM DRUG | Enter a SQL expression to filter results (use Ctrl+Space)

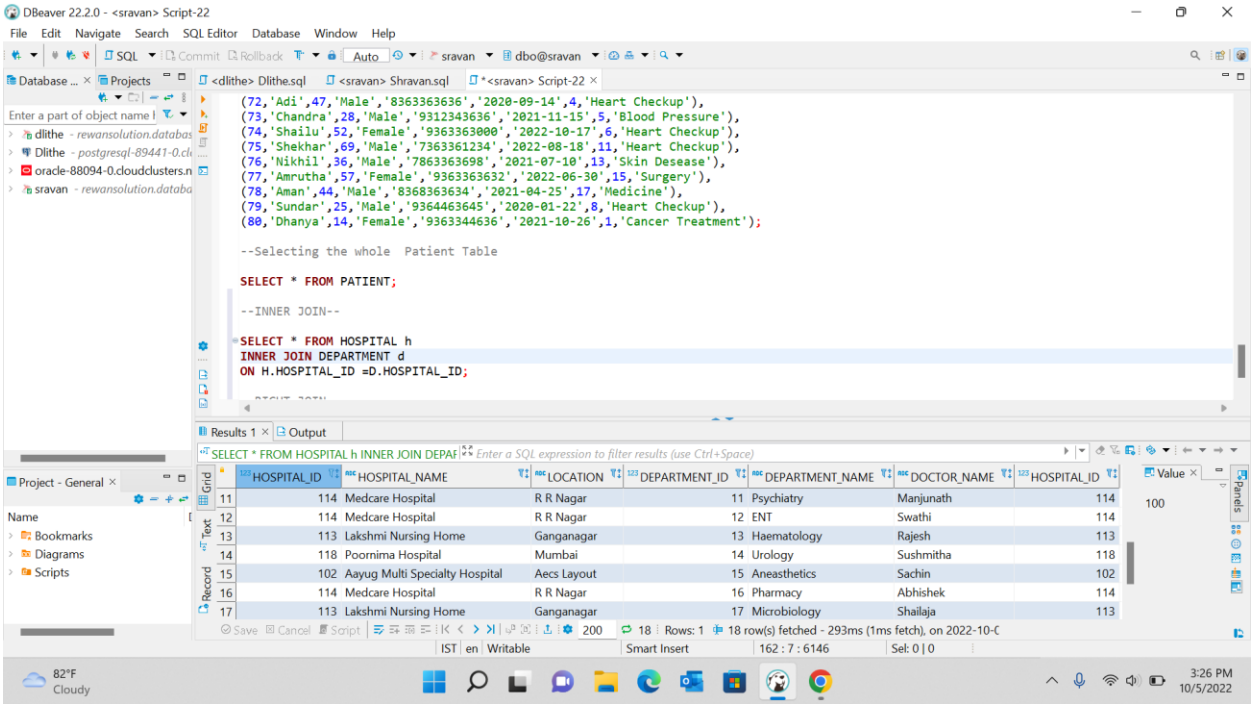
	DRUG_ID	MFG_DATE	EXPIRE_DATE	PATIENT_ID
1	1	12-10-2022	12-10-2025	53
2	2	10-10-2022	10-10-2025	53
3	3	12-01-2021	12-01-2024	55
4	4	01-07-2022	01-07-2025	58
5	5	17-12-2021	17-12-2024	63
6	6	23-02-2022	23-02-2025	73

Value

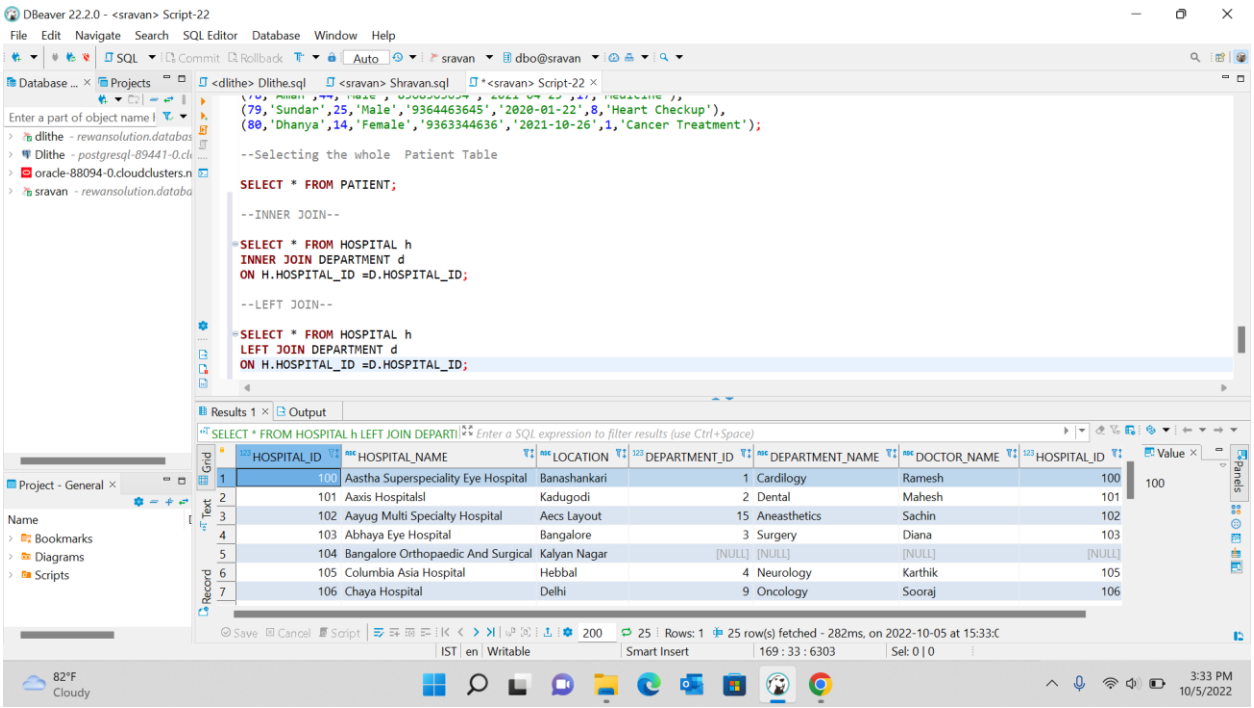
1

2. JOINS

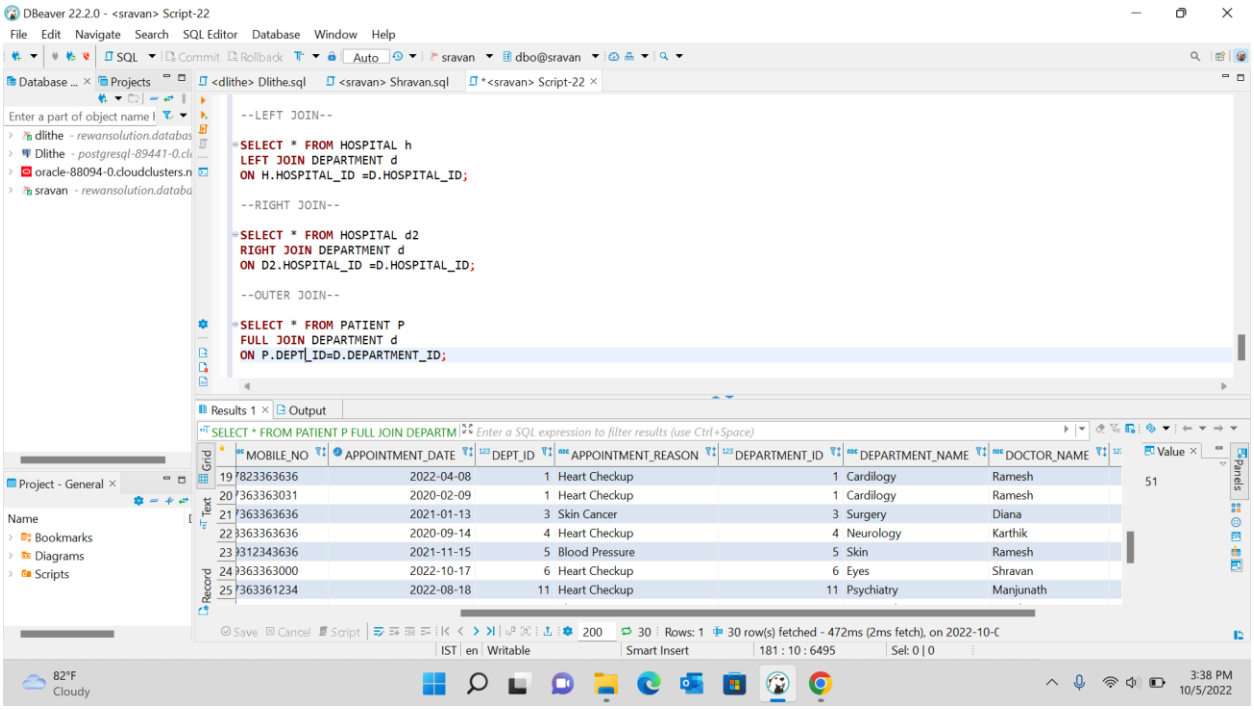
Inner Join



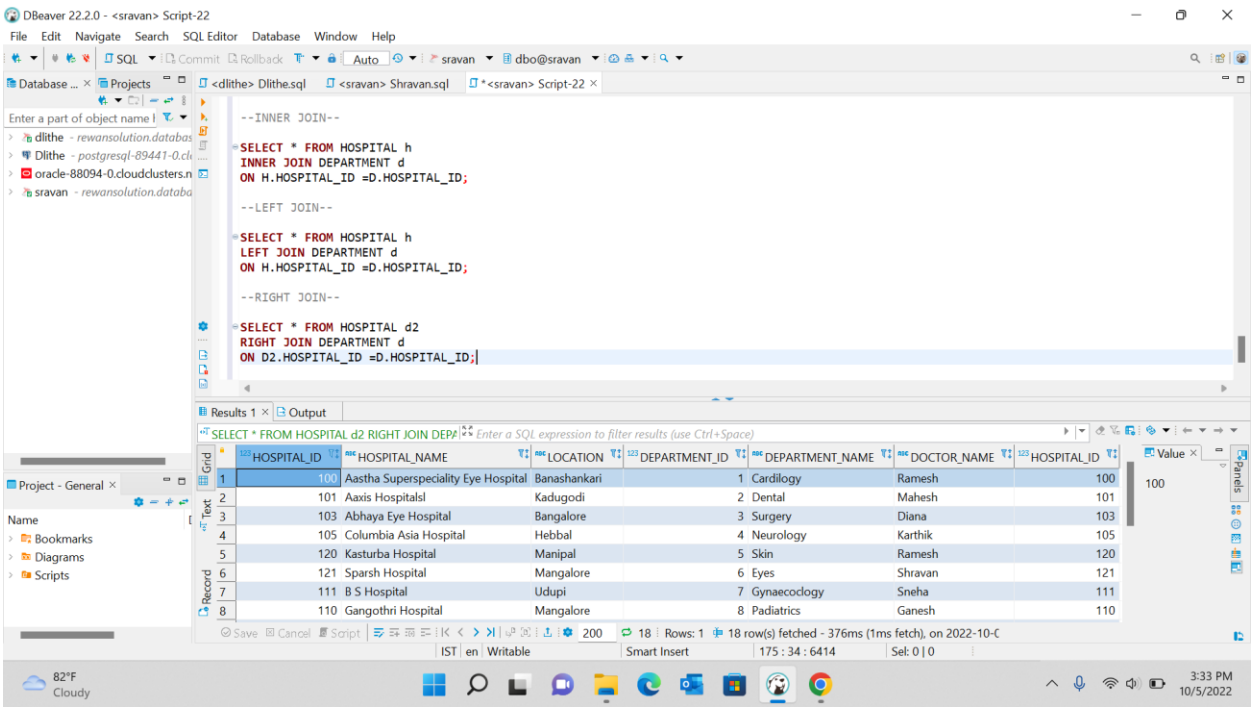
Left Join



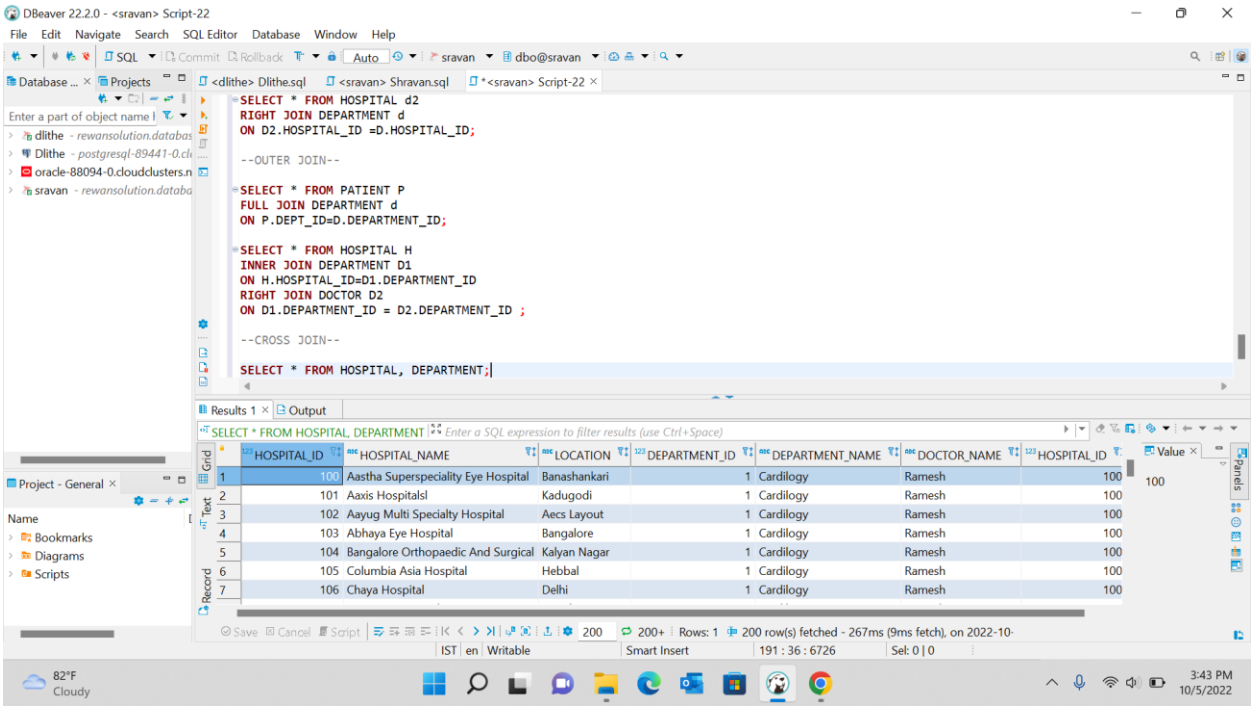
Outer Join



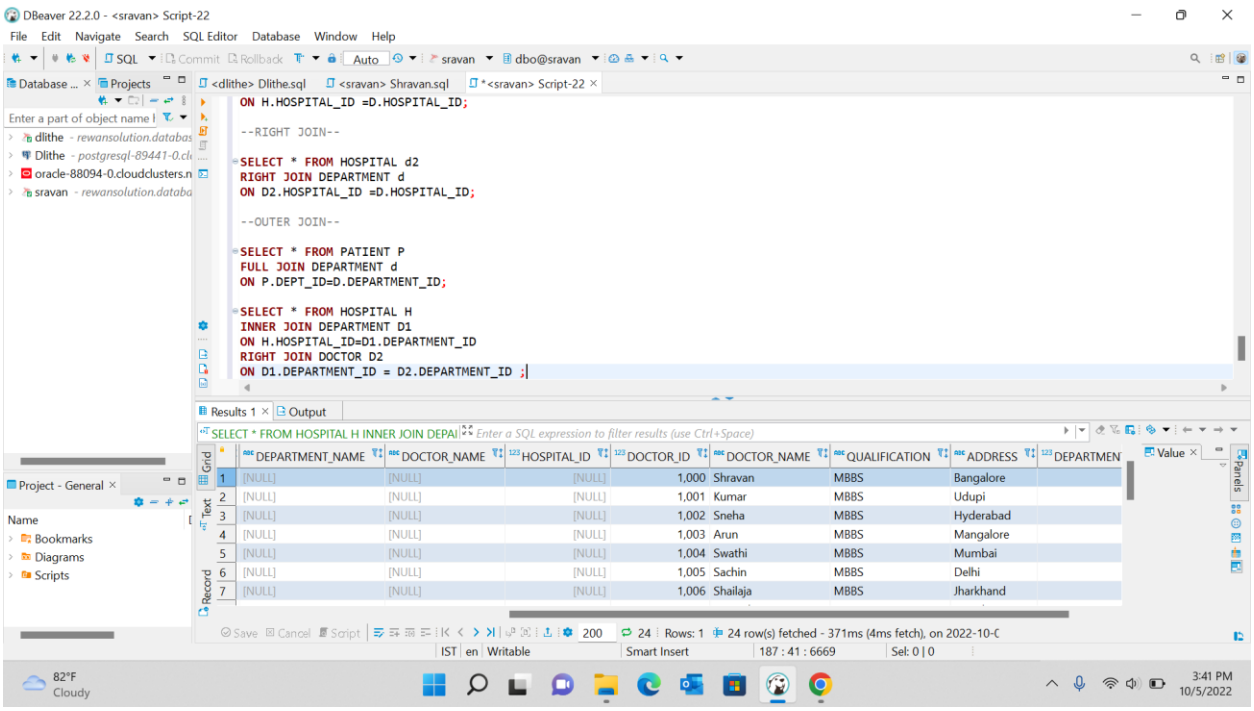
Right Join



Cross Join

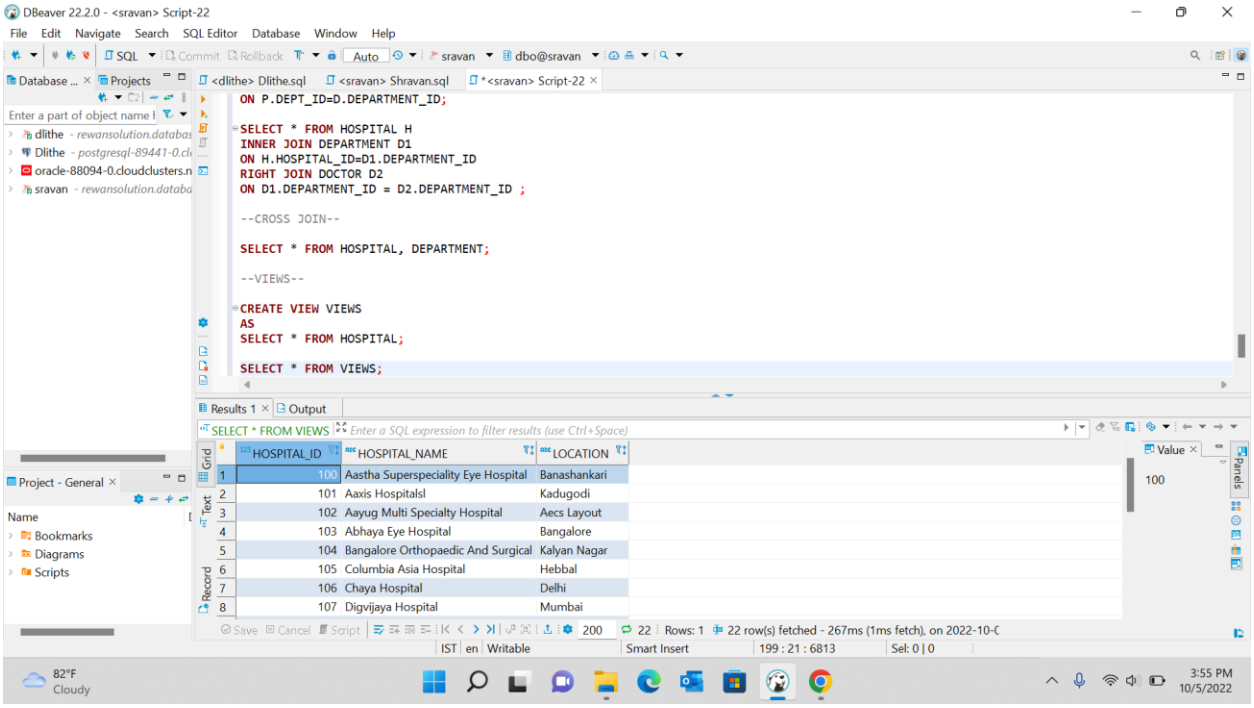


Some more Joins



3. VIEWS

Creating a View



Joins in View