**Assignment -9**

**SAKILA DATABSE**

**I followed the below steps**

1. Set up the Sakila Databse from the link provided.
2. Studied the ERR diagram to understand the database and inter relations. The database consists of three parts:
   1. Inventory (Movie Database) : includes eight tables
   2. Customer Data (Customer Related Data) : includes four tables
   3. Business (Data required to run the business) : includes four tables

The interrelation and dependencies were identified

1. Connected to the DBMS after opening the ‘Sakila-schema’
2. Connected to the DBMS after opening the ‘Sakila-data’
3. Using Sakila-data
   1. USE Sakila
   2. Created tables
      1. Actor
      2. Film\_Text
      3. Language
      4. Film\_category
   3. Created tables in the sequence
      1. Country
      2. City
      3. Address
   4. Created Staff table (after removing CONSTRAINT fk\_staff\_store FOREIGN KEY (store\_id) REFERENCES store (store\_id) ON DELETE RESTRICT ON UPDATE CASCADE,)
   5. Created store table
4. Using Sakila-schema
   1. Inserted values in the table ‘store’
5. Using Sakila-data
   1. Altered the Staff table

alter table staff add CONSTRAINT fk\_staff\_store FOREIGN KEY (store\_id) REFERENCES store (store\_id) ON DELETE RESTRICT ON UPDATE CASCADE;

* 1. Created tables in the sequence
     1. Film
     2. Customer
     3. Inventory
     4. Rental
     5. Payment
  2. Created tables
     1. Film\_actor
     2. Category

1. Using ‘Sakila-schema’ Inserted values in the tables