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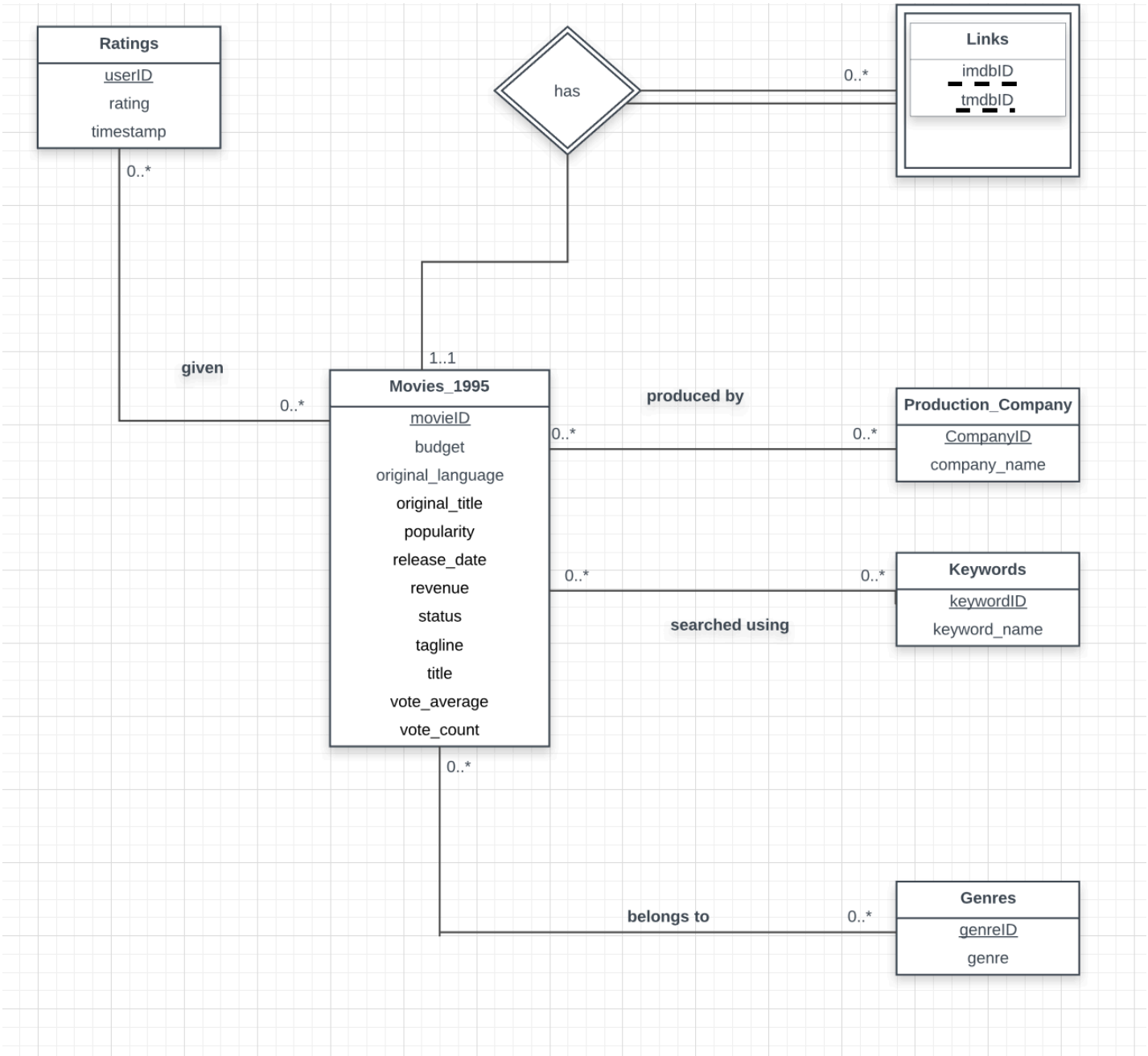
2. ER Diagram and Relational Schema: Produce an ER diagram for your domain, and its translation into a relational schema, including all keys and foreign keys. You should aim for a database with 6 – 10 tables. You should also submit evidence that you have created at least one table from your schema and populated it with at least one row.

ER Diagram:



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Relational Schema

1. **movies_1995** (movieID, budget, original_language, original_title, popularity, release_date, revenue, status, tagline, title, vote_average, vote_count)

2. **links** (movieID, imdbID, tmdbID)
   movieID is a foreign key to movies_1995 table

3. **ratings** (userID, movieID, timestamp, rating)
   movieID is a foreign key to movies_1995 table

4. **production_company** (companyID, company_name)

5. **producedBy** (movieID, companyID)
   movieID is a foreign key to movies_1995 table

6. **keywords** (keywordID, keyword)

7. **searchedUsing** (keywordID, movieID)
   keyWordID is foreign key to keywords
   movieID is a foreign key to movies_1995 table

8. **genres** (genreID, genre)

9. **belongsTo** (movieID, genreID)
   movieID is a foreign key to movies_1995 table
   genreID is a foreign key to geres table

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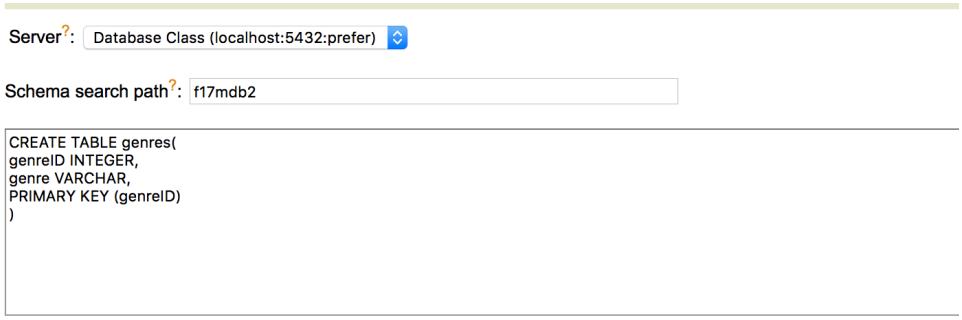
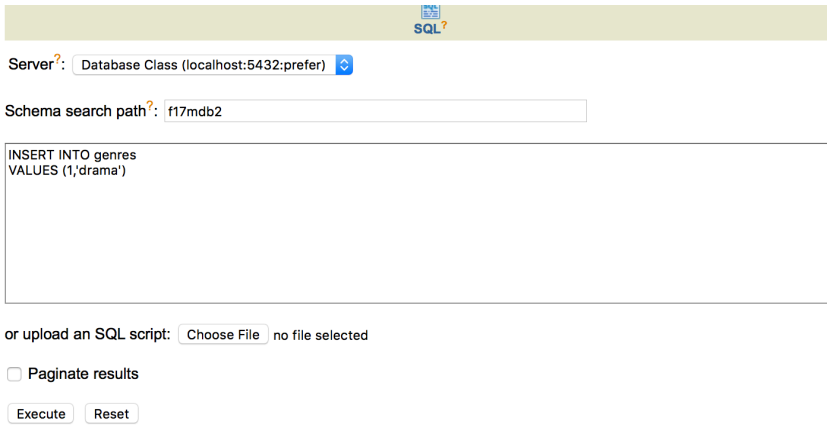
As of now, we have created a table for storing genres of the movies.





genreid	genre
1	drama