

# QUERY 9

Show the history films produced in USA and whose duration is between 100-200 minutes.

```
1 • use movie_db;
```

```
2
```

```
1 • use movie_db;
2 •     SELECT
3     movies.title
4     FROM
5     movies
6
```

```
1 • use movie_db;
2 •     SELECT
3     movies.title
4     FROM
5     movies
6     JOIN
7     genres
8     ON movies.movie_id = genres.movie_id
9
```


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1 • use movie_db;
2 •     SELECT
3     movies.title
4     FROM
5     movies
6     JOIN
7     genres
8     ON movies.movie_id = genres.movie_id
9     AND genres.genre_name = 'history'
10    WHERE
11    movies.duration
12    BETWEEN 100 AND 200
13
```

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2 • SELECT
3     movies.title
4     FROM
5     movies
6     JOIN
7     genres
8     ON movies.movie_id = genres.movie_id
9     AND genres.genre_name = 'history'
10    WHERE
11    movies.duration
12    BETWEEN 100 AND 200
13    AND
14    movies.movie_id IN (
15        SELECT
16        movie_id
17        FROM producer_countries
18        WHERE
19        country_id IN
20        (SELECT
21        country_id
22        FROM
23        countries
24        WHERE
25        country_name = 'USA')
26    );
27
```


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4      FROM
5      movies
6      JOIN
7      genres
8      ON movies.movie_id = genres.movie_id
9      AND genres.genre_name = 'history'
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14     movies.movie_id IN (
15     SELECT
16     movie_id
17     FROM producer_countries
18     WHERE
19     country_id IN
20     (SELECT
21     country_id
22     FROM
23     countries
24     WHERE
25     country_name = 'USA')
26     );
27
```

Result Grid   Filter Rows:  Export:  Wrap Cell Content: 

title
▶ Schindler's List

  
Result  
Grid

Result 1 x

 Read Only

First, we access the database that we are going to use.

Then we select the data in the "title" column from the "movies" table.

Then we combine the "movies" table with the "genres" table. This join is accomplished by matching the "movie\_id" columns in both tables. Also, we select movies whose data in the "genre\_name" column in the "genres" table is "history".

After that, we select only movies in the range of 100-200 minutes from the "movies" table.

Then we match the data in the "movie\_id" column in the "movies" table with the data in the "movie\_id" column in the "producer\_countries" table. This matching operation selects records that are "USA" for the data in the "country\_id" column.

Finally, this query returns data in the "title" column of movies filtered by certain criteria. These criteria are based on the movie's genre ("history"), duration (100-200 minutes), and country of production ("USA").