The documentation of the Views and the sql statement

/1. Search a movie by Movie Name/
SELECT MovieName, Runtime, ReleaseDate, Language, Rating, Plot
FROM MOVIE
WHERE MOVIE.MovieName = 'Titanic'

/2. Search movies by Language /
SELECT MovieName, Runtime, ReleaseDate, Rating, Plot
FROM MOVIE
WHERE MOVIE.language = 'German';

/3. Search movies by Director name /
SELECT M.*
FROM MOVIE M
JOIN MOVIE_DIRECTOR MD ON MD.MOVIE_MovieID = M.MovieID
JOIN DIRECTOR D ON D.DirectorID = MD.DIRECTOR_DirectorID
WHERE D.DirectorFirstName = 'James' AND D.DirectorLastName = 'Cameron';

/4. Return the top 10 rated movie (prerequire at least 1000 votes) /
SELECT *
FROM MOVIE
WHERE MOVIE.vote_count > 1000
ORDER BY rating DESC
Limit 10;

/5. Display the number of each different genres /
SELECT G.GenreName,count(*) AS MovieNumber
FROM GENRE G
JOIN MOVIE_GENRE MG ON G.GenreID = MG.GENRE_GenreID
JOIN MOVIE M ON M.MovieID = MG.MOVIE_MovieID
GROUP BY G.GenreID;

/6. Display the number of each different genres /
SELECT U.UserName ,count(*) as 'Reviews'
FROM USER U
LEFT JOIN REVIEW R ON U.UserID = R.USER_UserID
WHERE R.ReviewID > 0
GROUP BY U.UserID
ORDER BY Reviews DESC;

/7. Display the cast of the movie "The Godfather" /

```sql
SELECT concat_ws(' ',A.ActorFirstName,A.ActorLastName) AS 'ActorName' ,
Birthday,Nationality
FROM MOVIE_ACTOR MR
JOIN MOVIE M ON MR.MOVIE_MovieID = M.MovieID
JOIN ACTOR A ON A.ActorID = MR.ACTOR_ActorID
WHERE M.MovieName = 'The Godfather'
```

/8. Ambiguity search movie that get related to 'Pirate' /
```sql
SELECT *
FROM MOVIE
WHERE MovieName LIKE '%Pirate%' OR PLOT LIKE '%Pirate%';
```

/9. Show All the movies that release after year 2006 in order/

```sql
SELECT MovieName,ReleaseDate,Language, Plot
FROM MOVIE
WHERE ReleaseDate > (curdate() - interval 8 year)
ORDER BY ReleaseDate;
```

/10. Show the long and short reviews record by user name: sdh81/
```sql
SELECT U.NickName, M.MovieName,'ShortReview' as ReviewType, LR.ReviewContent
FROM USER U
JOIN REVIEW R ON U.UserID = R.USER_UserID
JOIN MOVIE M ON M.MovieID = R.MOVIE_MovieID
JOIN LONGREVIEW LR ON LR.Review_ReviewID = R.ReviewID
WHERE R.IsLong = 1 AND U.UserName = 'sdh8l'

UNION

SELECT U1.NickName, M1.MovieName,'LongReview' as ReviewType,
SR.SummaryContent
FROM USER U1
JOIN REVIEW R1 ON U1.UserID = R1.USER_UserID
JOIN MOVIE M1 ON M1.MovieID = R1.MOVIE_MovieID
JOIN SHORTREVIEW SR ON SR.Review_ReviewID = R1.ReviewID
WHERE    R1.IsLong = 0    AND U1.UserName = 'sdh8l'
```