Review Exercise

Movies Database

ACTOR (ACTOR\_ID, ACTOR\_NAME)

MOVIE (MOVIE\_ID, TITLE, MOVIE\_YEAR, DIRECTOR\_ID)

CASTING (MOVIE\_ID, ACTOR\_ID)

Note: table ACTOR includes also directors

1. List the movie titles and their total number of actors. Order by title.

SELECT movie.title, count(casting.actor\_id) FROM movie JOIN casting ON movie.movie\_id = casting.movie\_id GROUP BY movie.movie\_id

ORDER BY movie.movie\_id;

1. List the names of the directors with the total number of their movies.

SELECT actor\_name, count(movie\_id) FROM movie JOIN casting ON movie.movie\_id = casting.movie\_id JOIN actor ON casting.actor\_id = actor.actor\_id GROUP BY movie.director\_id;

1. List the actors (names), who played in any movie created after 2000.

SELECT DISTINCT actor\_name FROM movie JOIN casting ON movie.movie\_id = casting.movie\_id JOIN actor ON casting.actor\_id = actor.actor\_id WHERE movie\_year>2000;

1. List the actors (names), who played in any movie directed by Roman Polanski.

SELECT actor.actor\_name FROM actor JOIN casting ON actor.actor\_id = casting.actor\_id JOIN movie on casting.movie\_id = movie.movie\_id WHERE movie.director\_id = (SELET actor\_id FROM actor JOIN casting ON actor.actor\_id = casting.actor\_id WHERE UPPER(actor.actor\_name) LIKE ‘%ROMAN POLANSKI%)’;

1. List the actors (names) who played in “The Pianist.”

SELECT actor.actor\_name FROM actor JOIN casting ON actor.actor\_id = casting.actor\_id JOIN movie on casting.movie\_id = movie.movie\_id WHERE UPPER(movie.movie\_id) LIKE ‘%THE PIANIST%’;