MySQL Exercises

**Exercise 8 —Tasks**

•Find the name and role of all employees who have not been assigned to a building

•Find the names of the buildings that hold no employees

**Exercise 9 —Tasks**

•List all movies and their combined sales in**millions**of dollars

•List all movies and their ratings**in percent**

•List all movies that were released on even number years

**Exercise 10 —Tasks**

•Find the longest time that an employee has been at the studio

•For each role, find the average number of years employed by employees in that role

•Find the total number of employee years worked in each building

**Exercise 11 —Tasks**

•Find the number of Artists in the studio (without a HAVING clause)

•Find the number of Employees of each role in the studio

•Find the total number of years employed by all Engineers

**Exercise 12 —Tasks**

•Find the number of movies each director has directed

•Find the total domestic and international sales that can be attributed to each director

**Exercise 13 —Tasks**

•Add the studio's new production, Toy Story 4 to the list of movies (you can use any director)

•Toy Story 4 has been released to critical acclaim! It had a rating of 8.7, and made 340 million domestically and 270 million internationally. Add the record to the BoxOfficetable.

**Exercise 14 —Tasks**

•The director for A Bug's Life is incorrect, it was actually directed by John Lasseter

•The year that Toy Story 2 was released is incorrect, it was actually released in 1999

•Both the title and director for Toy Story 8 is incorrect! The title should be "Toy Story 3" and it was directed by Lee Unkrich

**Exercise 15**

•This database is getting too big, lets remove all movies that were released before 2005.

•Andrew Stanton has also left the studio, so please remove all movies directed by him.

**Exercise 16 —Tasks**

•Create a new table named Database with the following columns:

•–Name A string (text) describing the name of the database

•–Version A number (floating point) of the latest version of this database

•–Download\_countAn integer count of the number of times this database was downloaded

•This table has no constraints.

**Exercise 17 —Tasks ----Movies Data**

•Add a column named Aspect\_ratiowith a FLOAT data type to store the aspect-ratio each movie was released in.

•Add another column named Language with a TEXT data type to store the language that the movie was released in. Ensure that the default for this language is English.