**Test 1**

**[Total Marks: 100 (15%)]**

|  |  |
| --- | --- |
| **Instructor:** | Pritesh Patel |
| **Class:** | 2018W\_CSD 2204\_10  Database Design and SQL |
| **Time:** | 2 Hours |

* Students are NOT allowed to possess any unauthorized aids on their desks, or in their pockets, including electronic devices of ANY kind, unless otherwise stated. This includes CELL PHONES, iPod and CALCULATORS.
* Turned off cell phones, laptops and other unauthorized items, purses and wallets should be stored inside the candidate’s bag and closed securely. All bags and study materials (notes and books) should be placed on front side of class.
* Candidates are not allowed to reach into the bags and pocket or any of their study materials until the exam is over.
* Candidates must not communicate with one another in any manner whatsoever during the examination.
* Candidates may not leave the examination room unescorted for any reason, including visiting the washroom.
* Candidates are expected to show consideration for others in the exam room and to refrain from causing any type of disturbance which could interfere with the ability of fellow students to concentrate and this may cause your cancellation of exam paper.
* Candidates are not allowed to enter the exam after 30 minutes of exam commencement and not allowed to leave the exam before 10 minutes of the exam.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | **Date:** | **12 Jan 2018, Monday** | | **Student Name:** | **Charmi Haresh Mehta** | | **Student Number:** | **713149** | |

**Information for movies produced by “Warner Bros. Entertainment Inc.” production.**

**Movies (Id, Title, Director, Year, Length\_Minutes, BOCollection)**

**Data:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Id** | **Title** | **Director** | **Year** | **Length\_Minutes** | **BOCollection** |
| 1 | Heaven and Earth | Maurizio Willock | 2004 | 100 | 4.36 |
| 2 | The UFO Incident | Dillon Dillimore | 2008 | 49 | 5.46 |
| 3 | Gambit | Carri Garrals | 2007 | 100 | 53.48 |
| 4 | Against The Sun | Stacey Rives | 2007 | 91 | 48.68 |
| 5 | Room for One More | Coreen Friedlos | 2007 | 80 | 3.03 |
| 6 | Paris Is Burning | Carri Garrals | 1995 | 50 | 26.55 |
| 7 | Cars | John Lasseter | 2003 | 14 | 77.02 |
| 8 | Invaders from Mars | Carri Garrals | 2007 | 50 | 81.73 |
| 9 | Train | Andrew Stanton | 2004 | 71 | 81.1 |
| 10 | Buried Alive | Dillon Dillimore | 2009 | 100 | 2.36 |

**Execute the following Queries:**

|  |  |  |
| --- | --- | --- |
| **Sr. #** | **Query text** | **Marks** |
| 1) | Create Movie Table. | **[05]** |
| **Query** | CREATE TABLE movies(Id int(10) primary key, Title varchar(20), Director varchar(20), Year int(5), Length\_Minutes int(6), BOCollection float(10)); |  |
| **Result** |  |  |
|  |  |  |
| 2) | Insert Records in Movie Table. | **[05]** |
| **Query** | INSERT INTO movies values(1,'Heaven and Earth','Maurizio Willock',2004,100,4.36) ,(2,'The UFO Incident', 'Dillon Dillimore',2008,49,5.46),(3,'Gambit','Carri Garrals',2007,100,53.48),(4,'Against The Sun','Stacey Rives',2007,91,48.68),(5,'Room For One More', 'Coreen Friedlos',2007,80,3.03),(6,'Paris Is Burning','Carri Garrals',1995,50,26.55),(7,'Cars','John Lasseter',2003,14,77.02),(8,'Invaders From Mars','Carri Garrals',2007,50,81.73),(9,'Train','Andrew Stanton',2004,71,81.1),(10,'Buried Alive','Dillon Dillimore',2009,100,2.36); |  |
| **Result** |  |  |
|  |  |  |
| 3) | Find the title and director of each film. | **[05]** |
| **Query** | SELECT Title,Director from Movies; |  |
| **Result** |  |  |
|  |  |  |
| 4) | Find the movie with an id of 6. | **[05]** |
| **Query** | SELECT \* FROM movies WHERE ID=6; |  |
| **Result** |  |  |
|  |  |  |
| 5) | Find all the movies whose director name contains ‘r’ at third character of their name. | **[05]** |
| **Query** | SELECT \* FROM movies WHERE director like '\_\_r%'; |  |
| **Result** |  |  |
|  |  |  |
| 6) | Display the information of movies released in the years between 2000 and 2008. | **[05]** |
| **Query** | SELECT \* FROM movies WHERE year BETWEEN 2000 AND 2008; |  |
| **Result** |  |  |
|  |  |  |
| 7) | Find the first 5 movies and their release year. | **[05]** |
| **Query** | SELECT Title, Year FROM movies ORDER BY YEAR LIMIT 5; |  |
| **Result** |  |  |
|  |  |  |
| 8) | Show the list of title and director of movie directed by any other than “Carri Garrals”. | **[05]** |
| **Query** | SELECT title, director FROM movies where director != 'Carri Garrals'; |  |
| **Result** |  |  |
|  |  |  |
| 9) | List all directors of Fantom movies (alphabetically), without duplicates. | **[05]** |
| **Query** | SELECT director FROM movies GROUP BY director ASC; |  |
| **Result** |  |  |
|  |  |  |
| 10) | Display the four latest releases from the Fantom production. | **[05]** |
| **Query** | SELECT Title, Year FROM movies ORDER BY YEAR DESC limit 4; |  |
| **Result** |  |  |
|  |  |  |
| 11) | How many movies does the Fantom production releases in each distinct year? | **[05]** |
| **Query** | SELECT YEAR, COUNT(\*) FROM movies GROUP BY YEAR; |  |
| **Result** |  |  |
|  |  |  |
| 12) | What is the average running length of all Fantom Movies? | **[05]** |
| **Query** | SELECT AVG(Length\_Minutes) as 'Total Avg of Leng' FROM movies; |  |
| **Result** |  |  |
|  |  |  |
| 13) | Find out who is the director of the highest earning movie. | **[05]** |
| **Query** | SELECT Title, DIRECTOR, Max(BOCollection) FROM MOVIES; |  |
| **Result** |  |  |
|  |  |  |
| 14) | Display the BoxOffice collection for the movie directed by “Carri Garrals” and released before year 2000. | **[05]** |
| **Query** | SELECT Title, BOCollection FROM movies WHERE director='Carri Garrals' AND year<2000; |  |
| **Result** |  |  |
|  |  |  |
| 15) | What is the average BoxOffice collection of movies directed by each director? | **[05]** |
| **Query** | SELECT director,avg(BOCollection) as 'Avg BOCollection' FROM movies GROUP BY director; |  |
| **Result** |  |  |
|  |  |  |
| 16) | If the BoxOffice collection is less than 5 then change it to 5. | **[05]** |
| **Query** | UPDATE MOVIES SET BOCollection=5 WHERE BOCOLLECTION<5; |  |
| **Result** |  |  |
|  |  |  |
| 17) | Change the Length\_Minutes for “Cars” movie to 34. | **[05]** |
| **Query** | UPDATE movies SET Length\_Minutes=34 WHERE Title='cars'; |  |
| **Result** |  |  |
|  |  |  |
| 18) | Change the size of Director column. | **[05]** |
| **Query** | ALTER TABLE MOVIES MODIFY director varchar(35); |  |
| **Result** |  |  |
|  |  |  |
| 19) | Create a new table with only the structure of Movies table. | **[05]** |
| **Query** | CREATE TABLE movies\_DEMO(Id int(10) primary key, Title varchar(20), Director varchar(20), Year int(5), Length\_Minutes int(6), BOCollection float(10)); |  |
| **Result** |  |  |
|  |  |  |
| 20) | Show the structure of both the table. | **[05]** |
| **Query** | DESC MOVIES;  DESC MOVIES\_DEMO; |  |
| **Result** |  |  |

**Note:**

1. Fill your details on 1st page.
2. Rename this file as **CollegeID\_FirstName\_CSD2204\_Test1.docx**.
3. Also copy your MySQL command prompt content at the end of file.
4. Upload .docx on Moodle for submission.

**LOG**

Setting environment for using XAMPP for Windows.

713149@128-IMAC04 c:\xampp

# mysql -u root -p

Enter password:

Welcome to the MariaDB monitor. Commands end with ; or \g.

Your MariaDB connection id is 2

Server version: 10.1.21-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2016, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> CREATE DATABASE we\_2018;

Query OK, 1 row affected (0.00 sec)

MariaDB [(none)]> use we\_2018;

Database changed

MariaDB [we\_2018]> CREATE TABLE movies(Id int(10) primary key, Title varchar(20), Director varchar(20), Year int(5), Length Minutes int(6), BOCollection float(10));

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'Minutes int(6), BOCollection float(10))' at line 1

MariaDB [we\_2018]> CREATE TABLE movies(Id int(10) primary key, Title varchar(20), Director varchar(20), Year int(5), Length\_Minutes int(6), BOCollection float(10));

Query OK, 0 rows affected (0.52 sec)

MariaDB [we\_2018]> DESC movies;

+----------------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+----------------+-------------+------+-----+---------+-------+

| Id | int(10) | NO | PRI | NULL | |

| Title | varchar(20) | YES | | NULL | |

| Director | varchar(20) | YES | | NULL | |

| Year | int(5) | YES | | NULL | |

| Length\_Minutes | int(6) | YES | | NULL | |

| BOCollection | float | YES | | NULL | |

+----------------+-------------+------+-----+---------+-------+

6 rows in set (0.00 sec)

MariaDB [we\_2018]> INSERT INTO movies values(1,'Heaven and Earth','Maurizio Willock',2004,100,4.36);

Query OK, 1 row affected (0.08 sec)

MariaDB [we\_2018]> select \* from movies;

+----+------------------+------------------+------+----------------+--------------+

| Id | Title | Director | Year | Length\_Minutes | BOCollection |

+----+------------------+------------------+------+----------------+--------------+

| 1 | Heaven and Earth | Maurizio Willock | 2004 | 100 | 4.36 |

+----+------------------+------------------+------+----------------+--------------+

1 row in set (0.00 sec)

MariaDB [we\_2018]> INSERT INTO movies values(2,'The UFO Incident', 'Dillon Dillimore',2008,49,5.46),(3,'Gambit','Carri Garrals',2007,100,53.48),(4,'Against The Sun','Stacey Rives',2007,91,48.68),(5,'Room For One More', 'Coreen Friedlos',2007,80,3.03),(6,'Paris Is Burning','Carri Garrals',1995,50,26.55),(7,'Cars','John Lasseter',2003,14,77.02),(8,'Invaders From Mars','Carri Garrals',2007,50,81.73),(9,'Train','Andrew Stanton',2004,71,81.1),(10,'Buried Alive','Dillon Dillimore',2009,100,2.36);

Query OK, 9 rows affected (0.09 sec)

Records: 9 Duplicates: 0 Warnings: 0

MariaDB [we\_2018]> select \* from movies;

+----+--------------------+------------------+------+----------------+--------------+

| Id | Title | Director | Year | Length\_Minutes | BOCollection |

+----+--------------------+------------------+------+----------------+--------------+

| 1 | Heaven and Earth | Maurizio Willock | 2004 | 100 | 4.36 |

| 2 | The UFO Incident | Dillon Dillimore | 2008 | 49 | 5.46 |

| 3 | Gambit | Carri Garrals | 2007 | 100 | 53.48 |

| 4 | Against The Sun | Stacey Rives | 2007 | 91 | 48.68 |

| 5 | Room For One More | Coreen Friedlos | 2007 | 80 | 3.03 |

| 6 | Paris Is Burning | Carri Garrals | 1995 | 50 | 26.55 |

| 7 | Cars | John Lasseter | 2003 | 14 | 77.02 |

| 8 | Invaders From Mars | Carri Garrals | 2007 | 50 | 81.73 |

| 9 | Train | Andrew Stanton | 2004 | 71 | 81.1 |

| 10 | Buried Alive | Dillon Dillimore | 2009 | 100 | 2.36 |

+----+--------------------+------------------+------+----------------+--------------+

10 rows in set (0.00 sec)

MariaDB [we\_2018]> SELECT Title,Director from Movies;

+--------------------+------------------+

| Title | Director |

+--------------------+------------------+

| Heaven and Earth | Maurizio Willock |

| The UFO Incident | Dillon Dillimore |

| Gambit | Carri Garrals |

| Against The Sun | Stacey Rives |

| Room For One More | Coreen Friedlos |

| Paris Is Burning | Carri Garrals |

| Cars | John Lasseter |

| Invaders From Mars | Carri Garrals |

| Train | Andrew Stanton |

| Buried Alive | Dillon Dillimore |

+--------------------+------------------+

10 rows in set (0.00 sec)

MariaDB [we\_2018]> SELECT \* FROM movies WHERE ID=6;

+----+------------------+---------------+------+----------------+--------------+

| Id | Title | Director | Year | Length\_Minutes | BOCollection |

+----+------------------+---------------+------+----------------+--------------+

| 6 | Paris Is Burning | Carri Garrals | 1995 | 50 | 26.55 |

+----+------------------+---------------+------+----------------+--------------+

1 row in set (0.00 sec)

MariaDB [we\_2018]> SELECT \* FROM movies WHERE director like '\_\_r%';

+----+--------------------+-----------------+------+----------------+--------------+

| Id | Title | Director | Year | Length\_Minutes | BOCollection |

+----+--------------------+-----------------+------+----------------+--------------+

| 3 | Gambit | Carri Garrals | 2007 | 100 | 53.48 |

| 5 | Room For One More | Coreen Friedlos | 2007 | 80 | 3.03 |

| 6 | Paris Is Burning | Carri Garrals | 1995 | 50 | 26.55 |

| 8 | Invaders From Mars | Carri Garrals | 2007 | 50 | 81.73 |

+----+--------------------+-----------------+------+----------------+--------------+

4 rows in set (0.00 sec)

MariaDB [we\_2018]> SELECT \* FROM movies WHERE year BETWEEN 2000 AND 2008;

+----+--------------------+------------------+------+----------------+--------------+

| Id | Title | Director | Year | Length\_Minutes | BOCollection |

+----+--------------------+------------------+------+----------------+--------------+

| 1 | Heaven and Earth | Maurizio Willock | 2004 | 100 | 4.36 |

| 2 | The UFO Incident | Dillon Dillimore | 2008 | 49 | 5.46 |

| 3 | Gambit | Carri Garrals | 2007 | 100 | 53.48 |

| 4 | Against The Sun | Stacey Rives | 2007 | 91 | 48.68 |

| 5 | Room For One More | Coreen Friedlos | 2007 | 80 | 3.03 |

| 7 | Cars | John Lasseter | 2003 | 14 | 77.02 |

| 8 | Invaders From Mars | Carri Garrals | 2007 | 50 | 81.73 |

| 9 | Train | Andrew Stanton | 2004 | 71 | 81.1 |

+----+--------------------+------------------+------+----------------+--------------+

8 rows in set (0.00 sec)

MariaDB [we\_2018]> SELECT Title, Year FROM movies LIMIT 5;

+-------------------+------+

| Title | Year |

+-------------------+------+

| Heaven and Earth | 2004 |

| The UFO Incident | 2008 |

| Gambit | 2007 |

| Against The Sun | 2007 |

| Room For One More | 2007 |

+-------------------+------+

5 rows in set (0.00 sec)

MariaDB [we\_2018]> SELECT title, directors FROM movies where director IS NOT 'Carri Garrals';

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near ''Carri Garrals'' at line 1

MariaDB [we\_2018]> SELECT title, directors FROM movies where director != 'Carri Garrals';

ERROR 1054 (42S22): Unknown column 'directors' in 'field list'

MariaDB [we\_2018]> SELECT title, director FROM movies where director != 'Carri Garrals';

+-------------------+------------------+

| title | director |

+-------------------+------------------+

| Heaven and Earth | Maurizio Willock |

| The UFO Incident | Dillon Dillimore |

| Against The Sun | Stacey Rives |

| Room For One More | Coreen Friedlos |

| Cars | John Lasseter |

| Train | Andrew Stanton |

| Buried Alive | Dillon Dillimore |

+-------------------+------------------+

7 rows in set (0.00 sec)

MariaDB [we\_2018]> SELECT DIRECTOR, Max(BOCollection) FROM MOVIES;

+------------------+-------------------+

| DIRECTOR | Max(BOCollection) |

+------------------+-------------------+

| Maurizio Willock | 81.7300033569336 |

+------------------+-------------------+

1 row in set (0.00 sec)

MariaDB [we\_2018]> SELECT Title, DIRECTOR, Max(BOCollection) FROM MOVIES;

+------------------+------------------+-------------------+

| Title | DIRECTOR | Max(BOCollection) |

+------------------+------------------+-------------------+

| Heaven and Earth | Maurizio Willock | 81.7300033569336 |

+------------------+------------------+-------------------+

1 row in set (0.00 sec)

MariaDB [we\_2018]> SELECT Title, Year FROM movies GROUP BY YEAR LIMIT 5;

+------------------+------+

| Title | Year |

+------------------+------+

| Paris Is Burning | 1995 |

| Cars | 2003 |

| Heaven and Earth | 2004 |

| Gambit | 2007 |

| The UFO Incident | 2008 |

+------------------+------+

5 rows in set (0.00 sec)

MariaDB [we\_2018]> SELECT Title, Year FROM movies ORDER BY YEAR LIMIT 5;

+------------------+------+

| Title | Year |

+------------------+------+

| Paris Is Burning | 1995 |

| Cars | 2003 |

| Heaven and Earth | 2004 |

| Train | 2004 |

| Gambit | 2007 |

+------------------+------+

5 rows in set (0.00 sec)

MariaDB [we\_2018]> SELECT director FROM movies where director ASC;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'ASC' at line 1

MariaDB [we\_2018]> SELECT director FROM movies where director ORDER BY ASC;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'ASC' at line 1

MariaDB [we\_2018]> SELECT director FROM movies where director LIKE ASC;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'ASC' at line 1

MariaDB [we\_2018]> SELECT director FROM movies ORDER BY director ASC;

+------------------+

| director |

+------------------+

| Andrew Stanton |

| Carri Garrals |

| Carri Garrals |

| Carri Garrals |

| Coreen Friedlos |

| Dillon Dillimore |

| Dillon Dillimore |

| John Lasseter |

| Maurizio Willock |

| Stacey Rives |

+------------------+

10 rows in set (0.00 sec)

MariaDB [we\_2018]> SELECT director FROM movies GROUP BY director ASC;

+------------------+

| director |

+------------------+

| Andrew Stanton |

| Carri Garrals |

| Coreen Friedlos |

| Dillon Dillimore |

| John Lasseter |

| Maurizio Willock |

| Stacey Rives |

+------------------+

7 rows in set (0.00 sec)

MariaDB [we\_2018]> SELECT Title, Year FROM movies ORDER BY YEAR LIMIT 5 DESC;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'DESC' at line 1

MariaDB [we\_2018]> SELECT Title, Year FROM movies ORDER BY YEAR DESC;

+--------------------+------+

| Title | Year |

+--------------------+------+

| Buried Alive | 2009 |

| The UFO Incident | 2008 |

| Gambit | 2007 |

| Against The Sun | 2007 |

| Room For One More | 2007 |

| Invaders From Mars | 2007 |

| Train | 2004 |

| Heaven and Earth | 2004 |

| Cars | 2003 |

| Paris Is Burning | 1995 |

+--------------------+------+

10 rows in set (0.00 sec)

MariaDB [we\_2018]> SELECT Title, Year FROM movies ORDER BY YEAR DESC limit 5;

+-------------------+------+

| Title | Year |

+-------------------+------+

| Buried Alive | 2009 |

| The UFO Incident | 2008 |

| Gambit | 2007 |

| Against The Sun | 2007 |

| Room For One More | 2007 |

+-------------------+------+

5 rows in set (0.00 sec)

MariaDB [we\_2018]> SELECT Title, Year FROM movies ORDER BY YEAR DESC limit 4;

+------------------+------+

| Title | Year |

+------------------+------+

| Buried Alive | 2009 |

| The UFO Incident | 2008 |

| Gambit | 2007 |

| Against The Sun | 2007 |

+------------------+------+

4 rows in set (0.00 sec)

MariaDB [we\_2018]> SELECT COUNT(\*) FROM movies GROUP BY YEAR;

+----------+

| COUNT(\*) |

+----------+

| 1 |

| 1 |

| 2 |

| 4 |

| 1 |

| 1 |

+----------+

6 rows in set (0.00 sec)

MariaDB [we\_2018]> SELECT YEAR, COUNT(\*) FROM movies GROUP BY YEAR;

+------+----------+

| YEAR | COUNT(\*) |

+------+----------+

| 1995 | 1 |

| 2003 | 1 |

| 2004 | 2 |

| 2007 | 4 |

| 2008 | 1 |

| 2009 | 1 |

+------+----------+

6 rows in set (0.00 sec)

MariaDB [we\_2018]> SELECT AVG(Length\_Minutes) as 'Total Avg of Leng' FROM movies;

+-------------------+

| Total Avg of Leng |

+-------------------+

| 70.5000 |

+-------------------+

1 row in set (0.00 sec)

MariaDB [we\_2018]> SELECT \* FROM movies WHERE director='Carri Garrals' AND year<2000;

+----+------------------+---------------+------+----------------+--------------+

| Id | Title | Director | Year | Length\_Minutes | BOCollection |

+----+------------------+---------------+------+----------------+--------------+

| 6 | Paris Is Burning | Carri Garrals | 1995 | 50 | 26.55 |

+----+------------------+---------------+------+----------------+--------------+

1 row in set (0.00 sec)

MariaDB [we\_2018]> SELECT Title, BOCollection FROM movies WHERE director='Carri Garrals' AND year<2000;

+------------------+--------------+

| Title | BOCollection |

+------------------+--------------+

| Paris Is Burning | 26.55 |

+------------------+--------------+

1 row in set (0.00 sec)

MariaDB [we\_2018]> SELECT avg(BOCollection) FROM movies GROUP BY director;

+--------------------+

| avg(BOCollection) |

+--------------------+

| 81.0999984741211 |

| 53.92000071207682 |

| 3.0299999713897705 |

| 3.909999966621399 |

| 77.0199966430664 |

| 4.360000133514404 |

| 48.68000030517578 |

+--------------------+

7 rows in set (0.00 sec)

MariaDB [we\_2018]> SELECT director,avg(BOCollection) FROM movies GROUP BY director;

+------------------+--------------------+

| director | avg(BOCollection) |

+------------------+--------------------+

| Andrew Stanton | 81.0999984741211 |

| Carri Garrals | 53.92000071207682 |

| Coreen Friedlos | 3.0299999713897705 |

| Dillon Dillimore | 3.909999966621399 |

| John Lasseter | 77.0199966430664 |

| Maurizio Willock | 4.360000133514404 |

| Stacey Rives | 48.68000030517578 |

+------------------+--------------------+

7 rows in set (0.00 sec)

MariaDB [we\_2018]> SELECT director,avg(BOCollection) as 'Avg BOCollection' FROM movies GROUP BY director;

+------------------+--------------------+

| director | Avg BOCollection |

+------------------+--------------------+

| Andrew Stanton | 81.0999984741211 |

| Carri Garrals | 53.92000071207682 |

| Coreen Friedlos | 3.0299999713897705 |

| Dillon Dillimore | 3.909999966621399 |

| John Lasseter | 77.0199966430664 |

| Maurizio Willock | 4.360000133514404 |

| Stacey Rives | 48.68000030517578 |

+------------------+--------------------+

7 rows in set (0.00 sec)

MariaDB [we\_2018]> SELECT \* FROM MOVIES;

+----+--------------------+------------------+------+----------------+--------------+

| Id | Title | Director | Year | Length\_Minutes | BOCollection |

+----+--------------------+------------------+------+----------------+--------------+

| 1 | Heaven and Earth | Maurizio Willock | 2004 | 100 | 4.36 |

| 2 | The UFO Incident | Dillon Dillimore | 2008 | 49 | 5.46 |

| 3 | Gambit | Carri Garrals | 2007 | 100 | 53.48 |

| 4 | Against The Sun | Stacey Rives | 2007 | 91 | 48.68 |

| 5 | Room For One More | Coreen Friedlos | 2007 | 80 | 3.03 |

| 6 | Paris Is Burning | Carri Garrals | 1995 | 50 | 26.55 |

| 7 | Cars | John Lasseter | 2003 | 14 | 77.02 |

| 8 | Invaders From Mars | Carri Garrals | 2007 | 50 | 81.73 |

| 9 | Train | Andrew Stanton | 2004 | 71 | 81.1 |

| 10 | Buried Alive | Dillon Dillimore | 2009 | 100 | 2.36 |

+----+--------------------+------------------+------+----------------+--------------+

10 rows in set (0.00 sec)

MariaDB [we\_2018]> UPDATE MOVIES SET BOCollection=5 WHERE BOCOLLECTION<5;

Query OK, 3 rows affected (0.08 sec)

Rows matched: 3 Changed: 3 Warnings: 0

MariaDB [we\_2018]> SELECT \* FROM MOVIES;

+----+--------------------+------------------+------+----------------+--------------+

| Id | Title | Director | Year | Length\_Minutes | BOCollection |

+----+--------------------+------------------+------+----------------+--------------+

| 1 | Heaven and Earth | Maurizio Willock | 2004 | 100 | 5 |

| 2 | The UFO Incident | Dillon Dillimore | 2008 | 49 | 5.46 |

| 3 | Gambit | Carri Garrals | 2007 | 100 | 53.48 |

| 4 | Against The Sun | Stacey Rives | 2007 | 91 | 48.68 |

| 5 | Room For One More | Coreen Friedlos | 2007 | 80 | 5 |

| 6 | Paris Is Burning | Carri Garrals | 1995 | 50 | 26.55 |

| 7 | Cars | John Lasseter | 2003 | 14 | 77.02 |

| 8 | Invaders From Mars | Carri Garrals | 2007 | 50 | 81.73 |

| 9 | Train | Andrew Stanton | 2004 | 71 | 81.1 |

| 10 | Buried Alive | Dillon Dillimore | 2009 | 100 | 5 |

+----+--------------------+------------------+------+----------------+--------------+

10 rows in set (0.00 sec)

MariaDB [we\_2018]> UPDATE movies SET Length\_Minutes=34 WHERE Title='cars';

Query OK, 1 row affected (0.06 sec)

Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [we\_2018]> SELECT \* FROM MOVIES;

+----+--------------------+------------------+------+----------------+--------------+

| Id | Title | Director | Year | Length\_Minutes | BOCollection |

+----+--------------------+------------------+------+----------------+--------------+

| 1 | Heaven and Earth | Maurizio Willock | 2004 | 100 | 5 |

| 2 | The UFO Incident | Dillon Dillimore | 2008 | 49 | 5.46 |

| 3 | Gambit | Carri Garrals | 2007 | 100 | 53.48 |

| 4 | Against The Sun | Stacey Rives | 2007 | 91 | 48.68 |

| 5 | Room For One More | Coreen Friedlos | 2007 | 80 | 5 |

| 6 | Paris Is Burning | Carri Garrals | 1995 | 50 | 26.55 |

| 7 | Cars | John Lasseter | 2003 | 34 | 77.02 |

| 8 | Invaders From Mars | Carri Garrals | 2007 | 50 | 81.73 |

| 9 | Train | Andrew Stanton | 2004 | 71 | 81.1 |

| 10 | Buried Alive | Dillon Dillimore | 2009 | 100 | 5 |

+----+--------------------+------------------+------+----------------+--------------+

10 rows in set (0.00 sec)

MariaDB [we\_2018]> desc movies;

+----------------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+----------------+-------------+------+-----+---------+-------+

| Id | int(10) | NO | PRI | NULL | |

| Title | varchar(20) | YES | | NULL | |

| Director | varchar(20) | YES | | NULL | |

| Year | int(5) | YES | | NULL | |

| Length\_Minutes | int(6) | YES | | NULL | |

| BOCollection | float | YES | | NULL | |

+----------------+-------------+------+-----+---------+-------+

6 rows in set (0.01 sec)

MariaDB [we\_2018]> CREATE TABLE movies\_DEMO(Id int(10) primary key, Title varchar(20), Director varchar(20), Year int(5), Length Minutes int(6), BOCollection float(10));

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'Minutes int(6), BOCollection float(10))' at line 1

MariaDB [we\_2018]> CREATE TABLE movies\_DEMO(Id int(10) primary key, Title varchar(20), Director varchar(20), Year int(5), Length\_Minutes int(6), BOCollection float(10));

Query OK, 0 rows affected (0.31 sec)

MariaDB [we\_2018]> DECS MOVIES\_DEMO;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'DECS MOVIES\_DEMO' at line 1

MariaDB [we\_2018]> SELECT \* FROM MOVIES\_DEMO;

Empty set (0.00 sec)

MariaDB [we\_2018]> DESC MOVIES\_DEMO;

+----------------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+----------------+-------------+------+-----+---------+-------+

| Id | int(10) | NO | PRI | NULL | |

| Title | varchar(20) | YES | | NULL | |

| Director | varchar(20) | YES | | NULL | |

| Year | int(5) | YES | | NULL | |

| Length\_Minutes | int(6) | YES | | NULL | |

| BOCollection | float | YES | | NULL | |

+----------------+-------------+------+-----+---------+-------+

6 rows in set (0.00 sec)

MariaDB [we\_2018]> DESC MOVIES, MOVIES\_DEMO;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near ' MOVIES\_DEMO' at line 1

MariaDB [we\_2018]> ALTER TABLE MOVIES SET DIRECTOR AS VARCHAR(30);

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'SET DIRECTOR AS VARCHAR(30)' at line 1

MariaDB [we\_2018]> ALTER TABLE MOVIES SET DIRECTOR VARCHAR(30);

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'SET DIRECTOR VARCHAR(30)' at line 1

MariaDB [we\_2018]> ALTER TABLE MOVIES AS DIRECTOR VARCHAR(30);

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'AS DIRECTOR VARCHAR(30)' at line 1

MariaDB [we\_2018]> ALTER TABLE MOVIES IN DIRECTOR VARCHAR(30);

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'IN DIRECTOR VARCHAR(30)' at line 1

MariaDB [we\_2018]> ALTER TABLE MOVIES ALTER COLOUM DIRECTOR VARCHAR(30);

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'DIRECTOR VARCHAR(30)' at line 1

MariaDB [we\_2018]> ALTER TABLE MOVIES ALTER COLUMN DIRECTOR VARCHAR(30);

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'VARCHAR(30)' at line 1

MariaDB [we\_2018]> ALTER TABLE MOVIES ALTER COLUMN DIRECTOR INT(30);

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'INT(30)' at line 1

MariaDB [we\_2018]> ALTER TABLE MOVIES ALTER COLUMN DIRECTOR varchar;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'varchar' at line 1

MariaDB [we\_2018]> ALTER TABLE MOVIES modify DIRECTOR varchar(40);

Query OK, 10 rows affected (1.01 sec)

Records: 10 Duplicates: 0 Warnings: 0

MariaDB [we\_2018]> desc movies;

+----------------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+----------------+-------------+------+-----+---------+-------+

| Id | int(10) | NO | PRI | NULL | |

| Title | varchar(20) | YES | | NULL | |

| DIRECTOR | varchar(40) | YES | | NULL | |

| Year | int(5) | YES | | NULL | |

| Length\_Minutes | int(6) | YES | | NULL | |

| BOCollection | float | YES | | NULL | |

+----------------+-------------+------+-----+---------+-------+

6 rows in set (0.01 sec)

MariaDB [we\_2018]> ALTER TABLE MOVIES MODIFY director varchar(35);

Query OK, 10 rows affected (0.83 sec)

Records: 10 Duplicates: 0 Warnings: 0

MariaDB [we\_2018]> desc movies;

+----------------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+----------------+-------------+------+-----+---------+-------+

| Id | int(10) | NO | PRI | NULL | |

| Title | varchar(20) | YES | | NULL | |

| director | varchar(35) | YES | | NULL | |

| Year | int(5) | YES | | NULL | |

| Length\_Minutes | int(6) | YES | | NULL | |

| BOCollection | float | YES | | NULL | |

+----------------+-------------+------+-----+---------+-------+

6 rows in set (0.00 sec)

MariaDB [we\_2018]>