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HOMEWORK 8-9

Table des matières

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Task 1 : Create a table named movies andFill in the movies table with 100 records,containing the following fields movie ID , name , release year, genre and rating .

We use mockaroo to create some random value.

We import data from mockaroo with the command line : source 'pathofthefile '

And finally we can observe the table Movie with all it contains in the terminal thanks to the command line : mysql> select * from Movie .

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```
mysql> select * from Movie ;
+------+------------------------------------------------+--------------+----------------------------------------+--------+
| id   | name                                           | release_year | genre                                  | rating |
+------+------------------------------------------------+--------------+----------------------------------------+--------+
|    1 | 9th Company                                    |         1974 | Action|Drama|War                       |      9 |
|    2 | China Lake Murders, The                        |         1973 | Drama|Thriller                         |      3 |
|    3 | Pushing Tin                                    |         1960 | Comedy                                 |      5 |
|    4 | Seventh Sign, The                              |         1971 | Drama|Fantasy|Thriller                 |      6 |
|    5 | Alice in Wonderland                            |         1975 | Adventure|Children|Fantasy             |      3 |
|    6 | Harold and Maude                               |         1955 | Comedy|Drama|Romance                   |      6 |
|    7 | In the Line of Fire                            |         2002 | Action|Thriller                        |      2 |
|    8 | Hook                                           |         1997 | Adventure|Comedy|Fantasy               |      6 |
|    9 | Pelicanman (Pelikaanimies)                     |         2006 | Adventure|Children|Fantasy             |      7 |
|   10 | Onion Movie, The                               |         2000 | Comedy                                 |      5 |
|   11 | For Neda                                       |         1989 | Documentary                            |     10 |
|   13 | Fever Pitch                                    |         2007 | Comedy|Romance                         |      7 |
|   14 | Children in the Wind (Kaze no naka no kodomo)  |         1950 | Drama                                  |      9 |
|   15 | They Won't Believe Me                          |         1974 | Drama|Film-Noir                        |      3 |
|   16 | Come Dance with Me!                            |         1977 | Crime|Drama|Mystery                    |      8 |
|   17 | My Wife's Relations                            |         2021 | Comedy                                 |      2 |
|   18 | Series 7: The Contenders                       |         1975 | Action|Drama                           |      9 |
|   19 | Angel                                          |         1960 | Action|Crime|Thriller                  |      3 |
|   20 | Roberta                                        |         2002 | Comedy|Musical|Romance                 |      9 |
|   21 | Cutie Honey                                    |         1959 | Action                                 |      7 |
|   22 | Rolling Thunder                                |         1956 | Action|Drama                           |      4 |
|   23 | Kiss or Kill                                   |         1995 | Crime|Drama|Thriller                   |      5 |
|   24 | Batch '81                                      |         2020 | Drama                                  |      5 |
|   26 | Brokedown Palace                               |         2021 | Drama                                  |      9 |
|   27 | Rude Boy                                       |         1967 | Documentary|Drama                      |      1 |
|   28 | To Joy (Till glädje)                           |         1993 | Drama                                  |      4 |
|   29 | Twilight Saga: New Moon, The                   |         1976 | Drama|Fantasy|Horror|Romance|Thriller  |      8 |
|   30 | Clown, The                                     |         1984 | Comedy|Drama                           |      7 |
|   31 | Conformist, The (Conformista, Il)              |         1997 | Drama                                  |      2 |
|   32 | Hellraiser: Deader                             |         1990 | Horror                                 |      4 |
|   33 | Yobi, The Five-Tailed Fox                      |         2000 | Animation|Fantasy                      |      2 |
|   34 | Death to Smoochy                               |         2002 | Comedy|Crine|Drama                     |      5 |
|   35 | You Will Meet a Tall Dark Stranger             |         1956 | Comedy|Romance                         |     10 |
|   36 | Hunter, The                                    |         1956 | Action|Thriller                        |      3 |
|   37 | Karate Kid, The                                |         2007 | Action|Children|Drama                  |      7 |
|   38 | Liberty Heights                                |         1976 | Drama                                  |      7 |
|   39 | Giliap                                         |         1960 | Crime|Drama                            |      1 |
|   40 | Versus                                         |         1992 | Action|Comedy|Fantasy|Horror           |      2 |
|   41 | Ballad of the Sad Cafe, The                    |         1985 | Drama                                  |      8 |
|   42 | Children On Their Birthdays                    |         1963 | Drama                                  |      4 |
|   43 | Snow Falling on Cedars                         |         1998 | Drama                                  |      9 |
|   44 | Incendiary                                     |         1992 | Drama|Mystery|Romance|Thriller         |      1 |
|   45 | Saints and Soldiers: Airborne Creed            |         1987 | Action|Drama|War                       |      9 |
|   46 | Prophet's Prey                                 |         1990 | Crime|Documentary                      |      3 |
|   47 | Piggy                                          |         1974 | Thriller                               |      4 |
|   48 | Montenegro                                     |         1957 | Comedy|Drama                           |      2 |
|   49 | Percy Jackson: Sea of Monsters                 |         1970 | Adventure|Children|Fantasy             |      9 |
```

Task 2 : retrieve all the records for a single movie :

So we use the command line : mysql> select * from Movie where id=45

To retrieve the records from the movie with id 45.

```
mysql> select * from Movie where id=45
    -> ;
+------+-------------------------------------+--------------+------------------+--------+
| id   | name                                | release_year | genre            | rating |
+------+-------------------------------------+--------------+------------------+--------+
|   45 | Saints and Soldiers: Airborne Creed |         1987 | Action|Drama|War |      9 |
+------+-------------------------------------+--------------+------------------+--------+
1 row in set (0.00 sec)
```

Task 3 : update a single record.

So we have updated the release year of the film 85 in the future so now he is release in 2045.

To do that we use : mysql> update Movie set release_year = 2045 where id = 85;

```
|   85 | Marseillaise, La                               |         2045 | Drama|War                              |      3 |
```

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Task 4 : update 20 records on your own choice (feel free to apply any updating parameter)

We have do the same manipulation but now we choose films who have a rating of 8 to be release in 5222.

mysql> update Movie set release_year = 5222 where rating = 8;

```
 9 | rettcanman (rettkaantntes)                          | 2000 | Adventure|Children|Fantasy             |    7
10 | Onion Movie, The                                    | 2000 | Comedy                                 |    5
11 | For Neda                                            | 1989 | Documentary                            |   10
13 | Fever Pitch                                         | 2007 | Comedy|Romance                         |    7
14 | Children in the Wind (Kaze no naka no kodomo)       | 1950 | Drama                                  |    9
15 | They Won't Believe Me                               | 1974 | Drama|Film-Noir                        |    3
16 | Come Dance with Me!                                 | 5222 | Crime|Drama|Mystery                    |    8
17 | My Wife's Relations                                 | 2021 | Comedy                                 |    2
18 | Series 7: The Contenders                            | 1975 | Action|Drama                           |    9
19 | Angel                                               | 1960 | Action|Crime|Thriller                  |    3
20 | Roberta                                             | 2002 | Comedy|Musical|Romance                 |    9
21 | Cutie Honey                                         | 1959 | Action                                 |    7
22 | Rolling Thunder                                     | 1956 | Action|Drama                           |    4
23 | Kiss or Kill                                        | 1995 | Crime|Drama|Thriller                   |    5
24 | Batch '81                                           | 2020 | Drama                                  |    5
26 | Brokedown Palace                                    | 2021 | Drama                                  |    9
27 | Rude Boy                                            | 1967 | Documentary|Drama                      |    1
28 | To Joy (Till glädje)                                | 1993 | Drama                                  |    4
29 | Twilight Saga: New Moon, The                        | 5222 | Drama|Fantasy|Horror|Romance|Thriller  |    8
30 | Clown, The                                          | 1984 | Comedy|Drama                           |    7
31 | Conformist, The (Conformista, Il)                   | 1997 | Drama                                  |    2
32 | Hellraiser: Deader                                  | 1990 | Horror                                 |    4
33 | Yobi, The Five-Tailed Fox                           | 2000 | Animation|Fantasy                      |    2
34 | Death to Smoochy                                    | 2002 | Comedy|Crime|Drama                     |    5
35 | You Will Meet a Tall Dark Stranger                  | 1956 | Comedy|Romance                         |   10
36 | Hunter, The                                         | 1956 | Action|Thriller                        |    3
37 | Karate Kid, The                                     | 2007 | Action|Children|Drama                  |    7
38 | Liberty Heights                                     | 1976 | Drama                                  |    7
39 | Giliap                                              | 1960 | Crime|Drama                            |    1
40 | Versus                                              | 1992 | Action|Comedy|Fantasy|Horror           |    2
41 | Ballad of the Sad Cafe, The                         | 5222 | Drama                                  |    8
42 | Children On Their Birthdays                         | 1963 | Drama                                  |    4
43 | Snow Falling on Cedars                              | 1998 | Drama                                  |    9
44 | Incendiary                                          | 1992 | Drama|Mystery|Romance|Thriller         |    1
45 | Saints and Soldiers: Airborne Creed                 | 1987 | Action|Drama|War                       |    9
46 | Prophet's Prey                                      | 1990 | Crime|Documentary                      |    3
47 | Piggy                                               | 1974 | Thriller                               |    4
48 | Montenegro                                          | 1957 | Comedy|Drama                           |    2
```

Task 5 : delete 10 records (show how the output looks before and after)

So we updated the table by delete all the films with a rating of 8 (who released in 5222 if you remember 😊) . As you can see on the comparative photo where we can see the red line no more 5222 released year and some idare missing.

For that we use this command line : mysql> delete from Movie   where rating = 8;

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```
 10 | Onion Movie, The                                 | 2000 | Comedy                                 |  5
 11 | For Neda                                         | 1989 | Documentary                            | 10
 13 | Fever Pitch                                      | 2007 | Comedy|Romance                         |  7
 14 | Children in the Wind (Kaze no naka no kodomo)    | 1950 | Drama                                  |  9
 15 | They Won't Believe Me                            | 1974 | Drama|Film-Noir                        |  3
 16 | Come Dance with Me!                              | 5222 | Crime|Drama|Mystery                    |  8
 17 | My Wife's Relations                              | 2021 | Comedy                                 |  2
 18 | Series 7: The Contenders                         | 1975 | Action|Drama                           |  9
 19 | Angel                                            | 1960 | Action|Crime|Thriller                  |  3
 20 | Roberta                                          | 2002 | Comedy|Musical|Romance                 |  9
 21 | Cutie Honey                                      | 1959 | Action                                 |  7
 22 | Rolling Thunder                                  | 1956 | Action|Drama                           |  4
 23 | Kiss or Kill                                     | 1995 | Crime|Drama|Thriller                   |  5
 24 | Batch '81                                        | 2020 | Drama                                  |  5
 26 | Brokedown Palace                                 | 2021 | Drama                                  |  9
 27 | Rude Boy                                         | 1967 | Documentary|Drama                      |  1
 28 | To Joy (Till glädje)                             | 1993 | Drama                                  |  4
 29 | Twilight Saga: New Moon, The                     | 5222 | Drama|Fantasy|Horror|Romance|Thriller  |  8
 30 | Clown, The                                       | 1984 | Comedy|Drama                           |  7
 31 | Conformist, The (Conformista, Il)                | 1997 | Drama                                  |  2
 32 | Hellraiser: Deader                               | 1990 | Horror                                 |  4
 33 | Yobi, The Five-Tailed Fox                        | 2000 | Animation|Fantasy                      |  2
 34 | Death to Smoochy                                 | 2002 | Comedy|Crime|Drama                     |  5
 35 | You Will Meet a Tall Dark Stranger               | 1956 | Comedy|Romance                         | 10
 36 | Hunter, The                                      | 1956 | Action|Thriller                        |  3
 37 | Karate Kid, The                                  | 2007 | Action|Children|Drama                  |  7
 38 | Liberty Heights                                  | 1976 | Drama                                  |  7
 39 | Giliap                                           | 1960 | Crime|Drama                            |  1
 40 | Versus                                           | 1992 | Action|Comedy|Fantasy|Horror           |  2
 41 | Ballad of the Sad Cafe, The                      | 5222 | Drama                                  |  8
 42 | Children On Their Birthdays                      | 1963 | Drama                                  |  4
 43 | Snow Falling on Cedars                           | 1998 | Drama                                  |  9
 44 | Incendiary                                       | 1992 | Drama|Mystery|Romance|Thriller         |  1
 45 | Saints and Soldiers: Airborne Creed              | 1987 | Action|Drama|War                       |  9
 46 | Prophet's Prey                                   | 1990 | Crime|Documentary                      |  3
 47 | Piggy                                            | 1974 | Thriller                               |  4
 48 | Montenegro                                       | 1957 | Comedy|Drama                           |  2
```

```
 13 | Fever Pitch                                      | 2007 | Comedy|Romance                         |  7 |
 14 | Children in the Wind (Kaze no naka no kodomo)    | 1950 | Drama                                  |  9 |
 15 | They Won't Believe Me                            | 1974 | Drama|Film-Noir                        |  3 |
 17 | My Wife's Relations                              | 2021 | Comedy                                 |  2 |
 18 | Series 7: The Contenders                         | 1975 | Action|Drama                           |  9 |
 19 | Angel                                            | 1960 | Action|Crime|Thriller                  |  3 |
 20 | Roberta                                          | 2002 | Comedy|Musical|Romance                 |  9 |
 21 | Cutie Honey                                      | 1959 | Action                                 |  7 |
 22 | Rolling Thunder                                  | 1956 | Action|Drama                           |  4 |
 23 | Kiss or Kill                                     | 1995 | Crime|Drama|Thriller                   |  5 |
 24 | Batch '81                                        | 2020 | Drama                                  |  5 |
 26 | Brokedown Palace                                 | 2021 | Drama                                  |  9 |
 27 | Rude Boy                                         | 1967 | Documentary|Drama                      |  1 |
 28 | To Joy (Till glädje)                             | 1993 | Drama                                  |  4 |
 30 | Clown, The                                       | 1984 | Comedy|Drama                           |  7 |
 31 | Conformist, The (Conformista, Il)                | 1997 | Drama                                  |  2 |
 32 | Hellraiser: Deader                               | 1990 | Horror                                 |  4 |
 33 | Yobi, The Five-Tailed Fox                        | 2000 | Animation|Fantasy                      |  2 |
 34 | Death to Smoochy                                 | 2002 | Comedy|Crime|Drama                     |  5 |
 35 | You Will Meet a Tall Dark Stranger               | 1956 | Comedy|Romance                         | 10 |
 36 | Hunter, The                                      | 1956 | Action|Thriller                        |  3 |
 37 | Karate Kid, The                                  | 2007 | Action|Children|Drama                  |  7 |
 38 | Liberty Heights                                  | 1976 | Drama                                  |  7 |
 39 | Giliap                                           | 1960 | Crime|Drama                            |  1 |
 40 | Versus                                           | 1992 | Action|Comedy|Fantasy|Horror           |  2 |
 42 | Children On Their Birthdays                      | 1963 | Drama                                  |  4 |
 43 | Snow Falling on Cedars                           | 1998 | Drama                                  |  9 |
 44 | Incendiary                                       | 1992 | Drama|Mystery|Romance|Thriller         |  1 |
 45 | Saints and Soldiers: Airborne Creed              | 1987 | Action|Drama|War                       |  9 |
 46 | Prophet's Prey                                   | 1990 | Crime|Documentary                      |  3 |
 47 | Piggy                                            | 1974 | Thriller                               |  4 |
 48 | Montenegro                                       | 1957 | Comedy|Drama                           |  2 |
 49 | Percy Jackson: Sea of Monsters                   | 1970 | Adventure|Children|Fantasy             |  9 |
```

Conclusion

To conclude this homework show us how to find some data and organize them in a table .