**StraightOuttaCompton**

**straightouttacompton**

|  |  |
| --- | --- |
| **realname** | **stagename** |
| antoine carraby | djyella |
| lorenzo patterson | mcren |
| oshea jackson | icecube |
| andrew young | drdre |
| eric wright | eazye |

create table straightouttacompton as

select "antoine carraby" as realname, "djyella" as stagename union

select "lorenzo patterson" as realname, "mcren" as stagename union

select "oshea jackson" as realname, "icecube" as stagename union

select "andre young" as realname, "drdre" as stagename union

select "eric wright" as realname, "eazye" as stagename;

**albums**

|  |  |
| --- | --- |
| **album** | **artist** |
| i am the west | icecube |
| eazy-duz-it | eazye |
| compton | drdre |
| reincarnated | mcren |
| slice | djyella |

create table albums as

select "i am the west" as album, "icecube" as artist union

select "eazy-duz-it" as album, "eazye" as artist union

select "compton" as album, "drdre" as artist union

select "reincarnated" as album, "mcren" as artist union

select "slice" as album, "djyella" as artist;

**Question 1**

Write a query that will output the real name of each member and the album in alphabetical order according to the stage name of each member.

**2014 Movies**

|  |  |  |  |
| --- | --- | --- | --- |
| 2014 Movies | Budget (millions) | Box Office (millions) | SciFi? (IMDb) |
| Kingsman | 81 | 406 | False |
| Unfriended | 1 | 54 | False |
| Interstellar | 165 | 672 | True |
| The Maze Runner | 34 | 344 | True |
| Guardian of the Galaxy | 195 | 774 | True |
| Divergent | 85 | 288 | True |
| Big Hero Six | 165 | 652 | True |

create table movies2 as

select "k" as movie, 81 as budget, 406 as bo, "false" as sf union

select "u" as movie, 1 as budget, 54 as bo, "false" as sf union

select "i" as movie, 165 as budget, 672 as bo, "true" as sf union

select "m" as movie, 34 as budget, 344 as bo, "true" as sf union

select "g" as movie, 195 as budget, 774 as bo, "true" as sf union

select "d" as movie, 85 as budget, 288 as bo, "true" as sf union

select "b" as movie, 165 as budget, 652 as bo, "true" as sf;

**Question 1**

Write a query that outputs the budget that appear more than once in the table of movies.

**Question 2**

Write a query that will output a list of sci-fi movies ordered by the return of investment ratio [(box office - budget)/budget] from greatest to least.

**Question 3**

Write a query in SQL that will return the type (sci-fi or not), the sum of the budget in the category, and the sum of the box office. It should be returned from largest to smallest budget.

**Question 4**

Write a query in SQL that will output the type (sci-fi or not) of the movies with it’s total return of investment ratio (box office - budget)/budget. ordered by the same ratio. This query should return both sci-fi and non sci-fi results. Least to greatest

**Recursive SQL**

Write a query in SQL that will output a table with all the powers of 3 starting with 1 and up to 300.

Write a query that will generate a table containing the fibonacci numbers up to 3000