

RIT	Introduction to Database & Data modeling PE #04	Spring 2023 (2225)
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Due Date (See MyCourses ASSIGNMENTS)

Assignment Box PE04

Name: Please put Last name (Lastname, Firstname)_____

Submit a Script file and a TEE file to the drop box.

Use your own Lastname_PE04.sql

Use your own Lastname_PE04.txt

Please install a fresh copy of the database (sakila_v1.sql) before beginning.

For some tasks, the correct result set is included. The order of the records in the result set does not matter.

Due to the size of some result sets, portions have been removed from the middle, indicated by ". . . ."

Create a TEE file with –verbose option on. **Match the outputs in your TEE file to screen shots in this problem description.**

Remove mid sections of long result sets in your TEE File just like they are in this problem description.

-- Question #1

SELECT title AS Title, length AS Length, RIGHT(description,55) FROM film

1. Show the name(**title**) and **length** of films and, part of the **description(RIGHT Side)** that include ‘fun’ in the description and are 100 minutes or less.

Title of Film	Length of Film	Part of Description (Right Side)
ALONE TRIP	82	a Dog who must Outrun a Boat in An Abandoned Fun House
ANYTHING SAVANNAH	82	man who must Chase a Feminist in An Abandoned Fun House
BEDAZZLED MARRIED	73	who must Meet a Mad Scientist in An Abandoned Fun House
BLUES INSTINCT	50	Meet a Forensic Psychologist in An Abandoned Fun House
BORROWERS BEDAZZLED	63	stler who must Outsmart a Man in An Abandoned Fun House
CLUELESS BUCKET	95	who must Help a Sumo wrestler in An Abandoned Fun House
ISHTAR ROCKETEER	79	Squirrel who must Help a Dog in An Abandoned Fun House
ISLAND EXORCIST	84	a Boy who must Find a Dentist in An Abandoned Fun House
SADDLE ANTITRUST	80	A Shark who must Save a woman in An Abandoned Fun House
SENSE GREEK	54	o must Escape a Sumo wrestler in An Abandoned Fun House
SHANGHAI TYCOON	47	jack who must Build a Husband in An Abandoned Fun House

11 rows in set (0.01 sec)

mysql>

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2. Show the name of films (Title), and length, and the right side 60 characters of description of records that contain the following words in the description. **1) Database 2) California**

Title of Film	Length of Film	Part of Description (Right Side)
ACE GOLDFINGER	48	tor And a Explorer who must Find a Car in Ancient China
ALABAMA DEVIL	114	Scientist who must Outrun a Mad Scientist in A Jet Boat
ALICE NEVERMORE	94	se Administrator who must Vanquish a Pioneer in Georgia
AMERICAN CIRCUS	129	who must Face a Database Administrator in A Shark Tank
AMISTAD MIDSUMMER	85	a Crocodile who must Meet a Sumo Wrestler in California
ANONYMOUS HUMAN	179	o must Outrace a Database Administrator in A Shark Tank
ANTITRUST TOMATOES	168	must Outsmart a Database Administrator in Ancient India
ARMY FLINTSTONES	148	rator And a Athlete who must Save a Waitress in Nigeria
ARTIST COLDBLOODED	170	a Robot And a Moose who must Race a Woman in California
BALLROOM MOCKINGBIRD	173	ser And a Monkey who must Find a Feminist in California
BIRDS PERDITION	61	Athlete And a Pioneer who must Face a Dog in California
BOUND CHEAPER	98	And a Astronaut who must Race a Lumberjack in A Baloon
BOWFINGER GABLES	72	And a Composer who must Outrun a Dentist in California
BATTLE PANTHER	67	ase Administrator who must Face a Hunter in New Orleans
CALIFORNIA BIRDS	75	who must Save a Database Administrator in Ancient India
. . . . (Please delete middle rows)		
TRAP GUYS	110	must Race a Database Administrator in The Sahara Desert
TREASURE COMMAND	102	And a Madman who must Discover a Pioneer in California
TRUMAN CRAZY	92	y who must Meet a Database Administrator in A Monastery
VALENTINE VANISHING	48	And a Butler who must Reach a Pastry Chef in California
VANISHED GARDEN	142	nd a A Shark who must Defeat a Lumberjack in California
VIRGINA DAISY	179	who must Reach a Database Administrator in A Shark Tank
VIRTUAL SPOILERS	144	r And a Squirrel who must Discover a Student in Georgia
VOLUME HOUSE	132	a Dog And a Woman who must Meet a Dentist in California
WARS PLUTO	128	inistrator who must Chase a Madman in The Sahara Desert
WASTELAND DIVINE	85	o must Rescue a Database Administrator in Ancient China
WEST LION	159	Race a Database Administrator in A Manhattan Penthouse
WHALE BIKINI	109	trator who must Defeat a Feminist in A MySQL Convention
YOUNG LANGUAGE	183	r who must Meet a Boy in The First Manned Space Station
115 rows in set (0.01 sec)		

3. Show the name(**title**) of films and **length and film rating**. **Select the records that have** a length that is 120 minutes or longer, but are also 140 minutes or less and are Rated "G"

Title	Length of Film	Rating
AFRICAN EGG	130	G
ALAMO VIDEOTAPE	126	G
BAREFOOT MANCHURIAN	129	G
BEACH HEARTBREAKERS	122	G
BREAKFAST GOLDFINGER	123	G
CHATTY BEHAVIOR	124	G
DAZED PUNK	120	G
DECEIVER BETRAYED	122	G
DOGMA FAMILY	122	G
DUDE BLINDNESS	132	G
EXTRAORDINARY HELPER	122	G
FANTASIA PARK	131	G
FARGO GANDHI	130	G
GOSFORD DONNIE	129	G
GREASE YOUTH	135	G
JUST A RUN	135	G
LIBERTY MAGNIFICENT	138	G
SAINTS BRIDE	125	G
SHINING ROSES	125	G
STRANGER STRANGERS	139	G
TRAFFIC HOBBIT	139	G
WARS PLUTO	128	G

22 rows in set (0.00 sec)

mysql>

4. Show the title and length of films and rating, that have 'river' in the title and a rating of either 'R' or 'PG-13'. Please use alias for column headings, for every question on this Practice Exercise.

```

+-----+-----+-----+
| Movie Title | Length of Film | Rating |
+-----+-----+-----+
| DRIVER ANNIE | 159 | PG-13 |
| GOLD RIVER | 154 | R |
| RIVER OUTLAW | 149 | PG-13 |
+-----+-----+-----+
3 rows in set (0.01 sec)

mysql>

```


5. What are the names(**title**), **length** and **release_year**, and **rating** of the movies films that have been released after 2012 with a length greater than length >=160 and (rating is "G" or rating is "PG-13"). Every question on this Practice Exercise Please use alias for column headings.

```

+-----+-----+-----+-----+
| Title | Film Length | Release Year | Film Rating |
+-----+-----+-----+-----+
| CITIZEN SHREK | 165 | 2013 | G |
| HELPER NUTS | 173 | 2013 | G |
| DARLING BREAKING | 165 | 2013 | PG-13 |
| KISS GLORY | 163 | 2019 | PG-13 |
| NAME DETECTIVE | 178 | 2013 | PG-13 |
| ROCKETEER MOTHER | 178 | 2013 | PG-13 |
| THEORY MERMAID | 184 | 2013 | PG-13 |
| YOUNG LANGUAGE | 183 | 2013 | G |
+-----+-----+-----+-----+
8 rows in set (0.02 sec)

mysql>

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6. Show the name, replacement cost and rating of movies that do not have 'a' as the second letter of the name and have a replacement cost of \$19.99. Please use Alias for column headings.

IMPORTANT records from the SELECT must appear in Rating Descending Order

Film Title	Replacement cost	Film Rating
ANALYZE HOOSIERS	19.99	R
SPARTACUS CHEAPER	19.99	R
CROSSING DIVORCE	19.99	R
DIVINE RESURRECTION	19.99	R
RULES HUMAN	19.99	R
QUILLS BULL	19.99	R
ENTRAPMENT SATISFACTION	19.99	R
GROSSE WONDERFUL	19.99	R
HOMEWARD CIDER	19.99	R
STRAIGHT HOURS	19.99	R
WEREWOLF LOLA	19.99	R
SPEED SUIT	19.99	PG-13
COMMAND RUSH	19.99	PG-13
DESTINATION JERK	19.99	PG-13
SISTER FREDDY	19.99	PG-13
NOTTING SPEAKEASY	19.99	PG-13
PERSONAL LADYBUGS	19.99	PG-13
MIRACLE VIRTUAL	19.99	PG-13
LUCKY RESCUE	19.99	PG-13
SUNRISE LEAGUE	19.99	PG-13
VICTORY ACADEMY	19.99	PG-13
HEAVEN FREEDOM	19.99	PG
HYSTERICAL GRAIL	19.99	PG
SWEDEN SHINING	19.99	PG
TREATMENT JEKYLL	19.99	PG
WONDERLAND HOLIDAY	19.99	PG
STAGE WORLD	19.99	PG
BOWFINGER GABLES	19.99	NR
PLACE FEAR	19.99	NR
ELF MURDER	19.99	NR
DRAGONFLY STRANGERS	19.99	NR
SINNERS ATLANTIS	19.99	NR
MYSTIC TRUMAN	19.99	NR
DOWNHILL ENOUGH	19.99	G
COLOR PHILADELPHIA	19.99	G
MIDNIGHT WESTWARD	19.99	G
STONE FIRE	19.99	G
PINK SUBMARINE	19.99	G
HOCUS FRIDA	19.99	G
39 rows in set (0.01 sec)		

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7. What are the names of movies(Title), and LEFT(description, 55) that the description contains the words "Frisbee" **AND** the word "Fanciful".

As for every question please use the correct Alias – column names.

```
mysql>
+-----+-----+
| Title | Partial Description (LEFT) |
+-----+-----+
| A FAIR RACE | A Fanciful Documentary of a Frisbee And a Lumberjack who mus |
| STING PIE | A Fanciful Drama of a Frisbee And a Dog who must Rescue a Ma |
+-----+-----+
2 rows in set (0.01 sec)
```

8. What are the names(title), rating, release_year of movies that are rated 'G' and released in 2006 or movies that are rated 'PG' and released in 2010? Do NOT use a Union. Please use alias for column headings. That is true for every question

```
mysql>
+-----+-----+-----+
| Title of Film | Film Rating | Film Release Year |
+-----+-----+-----+
| AFRICAN EGG | G | 2006 |
| AGENT TRUMAN | PG | 2010 |
| ANNIE IDENTITY | G | 2006 |
| BAKED CLAMS | G | 2006 |
| BEACH HEARTBREAKERS | G | 2006 |
| BLACKOUT PRIVATE | PG | 2010 |
| BLOOD ARGONAUTS | G | 2006 |
| BULWORTH COMMANDMENTS | G | 2006 |
| CHAMPION FLATLINERS | PG | 2010 |
| CHICKEN RESCUERS | PG | 2010 |
| CHAIN LOCK | G | 2006 |
| CIDER DESTINY | PG | 2010 |
| CLASH FREDDY | G | 2006 |
| CONNECTION MICROCOSMOS | G | 2006 |
| CRUELTY UNFORGIVEN | G | 2006 |
| DARN FORRESTER | G | 2006 |
| DEER VIRGINIAN | G | 2006 |
| DISCIPLE MOTHER | PG | 2010 |
| ..... DELETE THE RECORDS IN THE MIDDLE .....
| SUGAR WONKA | PG | 2010 |
| SUMMER SCARFACE | G | 2006 |
| SUPERFLY TRIP | PG | 2010 |
| TEQUILA PAST | PG | 2010 |
| TRAFFIC HOBBIT | G | 2006 |
| TYCOON GATHERING | G | 2006 |
| VARSITY TRIP | PG | 2010 |
| WAR NOTTING | G | 2006 |
| WATERSHIP FRONTIER | G | 2006 |
| WONDERLAND HOLIDAY | PG | 2010 |
+-----+-----+-----+
59 rows in set (0.01 sec)
```