



ISTE-230 Introduction to Database & Data Modeling

Practice Exercise # 3 – Basic Queries to a Table

Name: _____

Create a script called 'yourlastname_pe3.sql' that will include a comment denoting each task number with requested statement following. Please install a fresh copy of the database (sakila_v1.sql) before beginning.

For some tasks, the correct result set is included. Your column headings should match exactly what is shown. 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 '...'.

1. Show the name and length of films that include 'fun' in the description and are 120 minutes or less.

Title	Length
ALONE TRIP	82
ANYTHING SAVANNAH	82
BEEN HIGBALL	106
BEDAZZLED MARRIED	73
BLUES INSTINCT	50
BORROWERS BEDAZZLED	63
CLUELESS BUCKET	95
CROWDS TELEMAR	112
ISHTAR ROCKETEER	79
ISLAND EXORCIST	84
JAWS HARRY	112
SADDLE ANTITRUST	80
SENSE GREEK	54
SHANGHAI TYCOON	47
SUPERFLY TRIP	114
UNTOUCHABLES SUNRISE	120

16 rows in set (0.00 sec)



2. Show the name of films that end in 'a', 'e', 'i', 'o', or 'u'.

Title
A FAIR RACE
AIRPLANE SIERRA
ALAMO VIDEOTAPE
ALICE NEVERMORE
ANGELS LIFE
ANTHEM LUKE
APACHE DIVINE
A DOGMA
ARSENIC INDEPENDENCE
ATLANTIS CAUSE
BOY PINOCCHIO
BEAUTY GREASE
BIRD INDEPENDENCE
...
VISION TORQUE
VOLUME HOUSE
WARS PLUTO
WASTELAND DIVINE
WATERFRONT DELIVERANCE
WEDDING APOLLO
WEREWOLF LOLA
WHALE BIKINI
WILD APOLLO
WINDOW SIDE
WOMEN DORADO
WONKA SEA
WRATH MILE
YENTL IDAHO
YOUNG LANGUAGE
ZHIVAGO CORE

234 rows in set (0.00 sec)



3. Show the name of films with a length that is 120 minutes or longer, but are also 180 minutes or less.

Title
AFRICAN EGG
AGENT TRUMAN
ALAMO VIDEOTAPE
ALASKA PHANTOM
ALICE FOREVER
ALLEY EVOLUTION
AMERICAN CIRCUS
ANONYMOUS HUMAN
ANTITRUST TOMATOES
APOLLO TEEN
ARACHNOPHOBIA ROLLERCOASTER
...
VIRGINIAN PLUTO
VIRTUAL SPOILERS
VOICE PEACH
VOLCANO TEXAS
VOLUME HOUSE
WAGON JAWS
WALLS ARTIST
WARDROBE PHANTOM
WARS PLUTO
WASH BEHIND THE EARS
WEEKEND PERSONAL
WEST LION
WILLOW TRACY
WOMEN DORADO
WONDERFUL DROP
WORKER TARZAN
WORLD LEATHERNECKS
WRATH MILE
WRONG BEHAVIOR
YOUTH KICK

427 rows in set (0.01 sec)



4. Show the title and length of films that have 'river' in the title and a rating of either 'PG' or 'PG-13'.

Title	Length
DRIVER ANNIE	159
RIVER OUTLAW	149

2 rows in set (0.00 sec)

5. What are the names of the movies that have been released after 2012 with a length greater than 160?

Title
BADMAN DAWN
CAUSE DATE
CITIZEN SHREK
HELPER NUTS
DARLING BREAKING
FIRE WOLVES
GREEK EVERYONE
INCH JET
DEFEATER INNOCENT
KISS GLORY
NAME DETECTIVE
NORTHWEST POLISH
ROCKETEER MOTHER
SEARCHERS WAIT
SOUP WISDOM
SWEDEN SHINING
THEORY MERMAID
TRADING PINOCCHIO
YOUNG LANGUAGE

19 rows in set (0.00 sec)



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.

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

39 rows in set (0.00 sec)



7. What are the names of movies that do not have a description?

```
+-----+
| Title |
+-----+
| BEAST HUNCHBACK |
+-----+
1 row in set (0.00 sec)
```

8. Show the replacement cost for the film Town Ark.

```
+-----+
| Replacement Cost |
+-----+
| 17.99 |
+-----+
1 row in set (0.00 sec)
```

9. What are the names of movies that are rated 'G' and released in 2006 or movies that are rated 'PG' and released in 2010?

```
+-----+
| Title |
+-----+
| AFRICAN EGG
| AGENT TRUMAN
| ANNIE IDENTITY
| BAKED CLAMS
| ...
| VARSITY TRIP
| WAR NOTTING
| WATERSHIP FRONTIER
| WONDERLAND HOLIDAY
+-----+
59 rows in set (0.00 sec)
```



10. Show all the data, except for the description, for films that were not released in either 2006 or 2010.

Film ID	Title	Release Year	Length	Replacement Cost	Rating
2	ACE GOLDFINGER	2007	48	12.99	G
3	ADAPTATION	2008	50	18.99	NR
4	A FAIR RACE	2009	117	26.99	G
7	AIRPLANE SIERRA	2011	62	28.99	PG-13
8	AIRPORT POLLOCK	2012	54	15.99	R
9	ALABAMA DEVIL	2013	114	21.99	PG-13
11	ALAMO VIDEOTAPE	2007	126	16.99	G
12	ALASKA PHANTOM	2008	136	22.99	PG
13	ALICE FOREVER	2009	150	21.99	PG
15	ALIEN CENTER	2011	46	10.99	NR
16	ALLEY EVOLUTION	2012	180	23.99	NR
17	ALONE TRIP	2013	82	14.99	R
19	AMADEUS HOLLY	2007	113	20.99	PG
...
980	WIZARD COLDBLOODED	2013	75	12.99	PG
982	WOMEN DORADO	2007	126	23.99	R
983	WON DARES	2008	105	18.99	PG
984	WONDERFUL DROP	2009	126	20.99	R
986	WONKA SEA	2011	85	24.99	PG-13
987	WORDS HUNTER	2012	116	13.99	PG
988	WORKER TARZAN	2013	139	26.99	R
990	WORLD LEATHERNECKS	2007	171	13.99	PG-13
991	WORST BURGER EVER	2008	185	26.99	PG
992	WRATH MILE	2009	176	17.99	NR
994	WYOMING STORM	2011	100	29.99	PG-13
995	YENTL IDAHO	2012	86	11.99	R
996	YOUNG LANGUAGE	2013	183	9.99	G
998	ZHIVAGO CORE	2007	105	10.99	NR
999	ZOOLANDER FICTION	2008	101	28.99	R
1000	ZORRO ARK	2009	50	18.99	PG-13

750 rows in set (0.00 sec)

11. For films released in 2006, change the replacement cost to 5.59, using one statement.

12. Remove all films that are less than 60 minutes long and rated PG, using one statement.