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CPSC 321 Database management Systems

Fall 2021

11/26/21

Part 1:

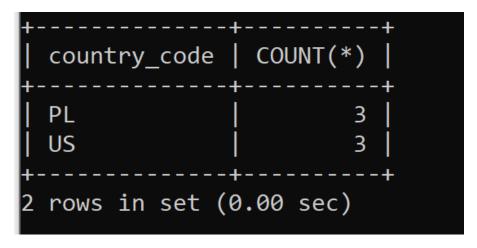
My Factbook tables

+ country_code country_name				gdp	inflation			
PL RU UA US	Pola Russ: Ukra: Unit	ia	nerica	33321 31000 12810 62530	2.1 4.4 7.9 1.8			
4 rows in set (0.00 sec)								
+ province_name		country_code area						
+		US RU PL PL PL	10436 15106 15108 19945 30126) 				
++ 5 rows in set (0.00 sec)								
++ city_name	city_name province_name		+ country_code		population			
Gdansk Honolulu Kahului Kaliningrad Kihei Krakow	Pomerania Hawaii Hawaii Kaliningrad Oblast Hawaii Lesser Poland Lower Silesian		PL US US RU US PL PL		475000 348985 31336 475000 31336 779966 690000			
+								
++ country_code_1 country_code_2 border_length								
+ RU UA	+ UA PL			1944 498				
2 rows in set (0.00 sec)								

1 a, b, c, d, e

```
country_code | SUM(area) |
PL
RU
                   15100
US
                   10430
rows in set (0.00 sec)
country_code | country_name
                                                inflation | SUM(c1.population)
                                        gdp
               Poland
                                                                        1944966
                                          31000
                                                        4.4
                                                                         475000
US
               United States of America
                                         62530
                                                        1.8
                                                                         411657
rows in set (0.01 sec)
country_code | province_name
                                          | SUM(c1.population)
                                  area
               Hawaii
                                   10430
                                                        411657
RU
               Kaliningrad Oblast
                                    15100
                                                       475000
               Lesser Poland
                                    15108
                                                        779966
               Lower Silesian
                                    19945
                                                        690000
                                    30120
              Pomerania
                                                        475000
rows in set (0.00 sec)
country_code | country_name
                                        | COUNT(*) |
PL
               Poland
               United States of America
RU
               Russia
rows in set (0.00 sec)
country_code | gdp
                    | SUM(area) | COUNT(*)
RH
                           15100
               31000
US
               62530
                           31290
```

1 f



Part 2:

2 a, b, c

+	+	-+					
name	COUNT(*)						
Sports	74	-+ 					
Foreign	73	i					
Family	69	j					
Documentary	68	i					
Animation	66	i					
Action	64	i					
New	63	i					
Drama	62	i					
Games	j 61	i					
Sci-Fi	61						
+	+	-+					
10 rows in set (0.00 sec)							
first_name	last_name	COUNT(*)					
+		-+					
AUDREY	RAY	6					
RUSSELL	BRINSON	5					
DEREK	BLAKELY	5					
OLGA	JIMENEZ	5					
LESLIE	SEWARD	5					
STEVE	MACKENZIE	4					
CLARENCE	GAMEZ	4					
JUNE	CARROLL	4					
VERONICA	STONE	4					
PHILIP	CAUSEY	4					
40	/0.00	-++					
10 rows in set	(0.00 sec)					
+	+-	+					
title		amount					
+	+-	+					
MIDSUMMER GF	ROUNDHOG	11.99					
TRAP GUYS		11.99					
+							
2 rows in set (0.00 sec)							

```
name | COUNT(*) |
 Family | 18 |
1 row in set (0.00 sec)
 title | num_rentals
 TIMBERLAND SKY
                             31
                            30
 BUTTERFLY CHOCOLAT
 MUSCLE BRIGHT
                              30
 CAT CONEHEADS
                             30
 PULP BEVERLY
                              30
 DOGMA FAMILY
                              30
 MARRIED GO
                              30
 SWEETHEARTS SUSPECTS
                             29
 SATURDAY LAMBS
                             28
 PRIMARY GLASS
                              27
10 rows in set (0.00 sec)
 first_name | last_name |
 MERYL | ALLEN
1 row in set (0.00 sec)
 title
 ACADEMY DINOSAUR
 AFFAIR PREJUDICE
 AGENT TRUMAN
 AIRPLANE SIERRA
 ALABAMA DEVIL
 ALADDIN CALENDAR
 ALAMO VIDEOTAPE
 ALASKA PHANTOM
 ALIEN CENTER
 ALLEY EVOLUTION
10 rows in set (0.00 sec)
```

2 h, i, j, k

actor_id	first_name	last_name	pct				
+ 83	+ BEN	 WILLIS	++ 0.4242				
129	DARYL	CRAWFORD	0.4000				
17	HELEN	VOIGHT	0.3750				
193	BURT	TEMPLE	0.3478				
14	VIVIEN	BERGEN	0.3333				
] 7	GRACE	MOSTEL	0.3333				
122	SALMA	NOLTE	0.3200				
166	NICK	DEGENERES	0.3182				
30	SANDRA	PECK	0.3158				
70	MICHELLE	MCCONAUGHEY	0.3043				
10 rows in set (0.00 sec) ++ title							
++ film_id	num_of_actors	+ 5					
++ 1	10	+					
1		7 1					
2		+ 5					
4		5					
5	-	5					
6	5 7						
7	, 5						
8	4						
9	9						
10							
++		+					
10 rows in set (0.00 sec)							

Part 3: I chose to run the python script.

```
kstevens3@ada:~/documents$ python mysql_test_1.py
1, Action
2, Animation
3, Children
4, Classics
5, Comedy
6, Documentary
7, Drama
8, Family
9, Foreign
10, Games
11, Horror
12, Music
13, New
14, Sci-Fi
15, Sports
16, Travel
```