

SQL :

Exercices et

Résultats Attendus

Requêtes simples – accès sur une table

Série 1

1. Liste des langues stockées

```
+-----+
| name   |
+-----+
| English |
| Italian |
| Japanese |
| Mandarin |
| French   |
| German   |
+-----+
6 rows in set (0.01 sec)
```

2. Liste des adresses et des districts

```
+-----+-----+
| address                               | district |
+-----+-----+
| 47 MySakila Drive                    | Alberta  |
| 28 MySQL Boulevard                  | QLD      |
| 23 Workhaven Lane                   | Alberta  |
| 1411 Lillydale Drive                | QLD      |
| 1913 Hanoi Way                      | Nagasaki |
| 1121 Loja Avenue                    | California |
| 692 Joliet Street                   | Attika   |
| 1566 Inegl Manor                    | Mandalay |
| 53 Idfu Parkway                     | Nantou   |
| 1795 Santiago de Compostela Way     | Texas    |
| 900 Santiago de Compostela Parkway  | Central Serbia |
| 478 Joliet Way                      | Hamilton |
| 613 Korolev Drive                   | Masqat   |
| 1531 Sal Drive                      | Esfahan  |
| 1542 Tarlac Parkway                 | Kanagawa |
| 808 Bhopal Manor                   | Haryana  |
| 270 Amroha Parkway                  | Osmaniye |
| ...                                |          |
| 1325 Fukuyama Street                | Heilongjiang |
+-----+-----+
603 rows in set (0.00 sec)
```

3. Contenu de la table inventory

inventory_id	film_id	store_id	last_update
1	1	1	2006-02-15 05:09:17
2	1	1	2006-02-15 05:09:17
3	1	1	2006-02-15 05:09:17
4	1	1	2006-02-15 05:09:17
5	1	2	2006-02-15 05:09:17
6	1	2	2006-02-15 05:09:17
7	1	2	2006-02-15 05:09:17
8	1	2	2006-02-15 05:09:17
...			
4579	1000	2	2006-02-15 05:09:17
4580	1000	2	2006-02-15 05:09:17
4581	1000	2	2006-02-15 05:09:17

4581 rows in set (0.00 sec)

4. Liste des prénoms des clients

first_name
MARY
PATRICIA
LINDA
BARBARA
ELIZABETH
JENNIFER
MARIA
SUSAN
MARGARET
DOROTHY
LISA
...
AUSTIN

591 rows in set (0.00 sec)

5. Donner la liste des films avec leurs identifiants ordonnés par date de sortie

film_id	title	release_year
1	ACADEMY DINOSAUR	2006
2	ACE GOLDFINGER	2006
3	ADAPTATION HOLES	2006
4	AFFAIR PREJUDICE	2006
5	AFRICAN EGG	2006
6	AGENT TRUMAN	2006
...		
1000	ZORRO ARK	2006

1000 rows in set (0.01 sec)

6. Liste des films qui durent en 50mn et 1h30

film_id	title	length
1	ACADEMY DINOSAUR	86
3	ADAPTATION HOLES	50
7	AIRPLANE SIERRA	62
8	AIRPORT POLLOCK	54
10	ALADDIN CALENDAR	63
17	ALONE TRIP	82
...		
981	WOLVES DESIRE	55
986	WONKA SEA	85
989	WORKING MICROCOSMOS	74
995	YENTL IDAHO	86
1000	ZORRO ARK	50

297 rows in set (0.00 sec)

7. Trouver les adresses situées dans la rue : « Mysore Drive »

address_id	address
------------	---------

```

+-----+-----+
|      407 | 1346 Mysore Drive |
+-----+-----+
1 row in set (0.05 sec)

```

8. Qui sont les clients dont le nom commence par M

```

+-----+-----+
| customer_id | last_name |
+-----+-----+
|      372 | MACKENZIE |
|      360 | MADRIGAL  |
|      323 | MAHAN     |
|      313 | MAHON     |
|      577 | MALCOLM   |
|      336 | MARK      |
|      359 | MARKHAM   |
|      358 | MARLOW    |
|      119 | MARSHALL  |
|      453 | MARTEL    |
|       16 | MARTIN    |
|       19 | MARTINEZ  |
|     342 | MARTINO   |
|     135 | MASON     |
|     169 | MATTHEWS  |
|     491 | MATTOX    |
|     335 | MAULDIN   |
|     264 | MAY       |
|     567 | MCADAMS   |
|     593 | MCALISTER |
|     576 | MCCARTER  |
|     427 | MCCARTNEY |
|     218 | MCCOY     |
...
|     408 | MURRELL   |
|     101 | MYERS     |
+-----+-----+
59 rows in set (0.06 sec)

```

9. Donner la liste des identifiants d'acteurs qui jouent dans les films 4, 12 et 33

```

+-----+-----+
| actor_id | film_id |
+-----+-----+
|      41 |      4 |
|      81 |      4 |
|      88 |      4 |

```

	147		4	
	162		4	
	37		12	
	75		12	
	105		12	
	109		12	
	146		12	
	177		12	
	180		12	
	79		33	
	82		33	
	136		33	
	146		33	
	162		33	
	170		33	
	180		33	
	182		33	

+-----+-----+

20 rows in set (0.00 sec)

10. En admettant que les paiements sont stockés en T.T.C, donnez le coût des locations en H.T.
(limiter la requête aux 10 premiers paiements)

+-----+-----+
payment_id prix H.T.
+-----+-----+
1 2.491667
2 0.825000
3 4.991667
4 0.825000
5 8.325000
6 4.158333
7 4.158333
8 0.825000
9 3.325000
10 4.991667

+-----+-----+

10 rows in set (0.00 sec)

Série 2

1. Donnez la liste des acteurs (identifiants, nom, prenom)

```
+-----+-----+-----+
| actor_id | last_name   | first_name |
+-----+-----+-----+
|          1 | GUINNESS    | PENELOPE   |
|          2 | WAHLBERG    | NICK       |
|          3 | CHASE       | ED         |
|          4 | DAVIS       | JENNIFER   |
|          5 | LOLLOBRIGIDA | JOHNNY     |
|          6 | NICHOLSON   | BETTE      |
|          7 | MOSTEL      | GRACE      |
|          8 | JOHANSSON   | MATTHEW    |
...
|        200 | TEMPLE      | THORA      |
+-----+-----+-----+
200 rows in set (0.00 sec)
```

2. Donnez la liste des titres et descriptions des films qui ont un identifiant compris entre 780 et 800

```
+-----+-----+
| title           | description |
+-----+-----+
| SENSIBILITY REAR | A Emotional Tale of a Robot And a Sumo Wrestler who must Redeem a Pastry Chef in A Baloon Factory |
| SEVEN SWARM      | A Unbelievable Character Study of a Dog And a Mad Cow who must Kill a Monkey in Berlin |
| SHAKESPEARE SADDLE | A Fast-Paced Panorama of a Lumberjack And a Database Administrator who must Defeat a Madman in A MySQL Convention |
| SHANE DARKNESS   | A Action-Packed Saga of a Moose And a Lumberjack who must Find a Woman in Berlin |
| SHANGHAI TYCOON   | A Fast-Paced Character Study of a Crocodile And a Lumberjack who must Build a Husband in An Abandoned Fun House |
| SHAWSHANK BUBBLE  | A Lacklusture Story of a Moose And a Monkey who must Confront a Butler in An Abandoned Amusement Park |
| SHEPHERD MIDSUMMER | A Thoughtful Drama of a Robot And a Womanizer who must Kill a Lumberjack in A Baloon |
| SHINING ROSES     | A Awe-Inspiring Character Study of a Astronaut And a Forensic Psychologist who must Challenge a Madman in Ancient India |
| SHIP WONDERLAND   | A Thrilling Saga of a Monkey And a Frisbee who must Escape a Explorer in The Outback |
| SHOCK CABIN       | A Fateful Tale of a Mad Cow And a Crocodile who must Meet a Husband in New Orleans |
| SHOOTIST SUPERFLY | A Fast-Paced Story of a Crocodile And a A Shark who must Sink a Pioneer in Berlin |
| SHOW LORD         | A Fanciful Saga of a Student And a Girl who must Find a Butler in Ancient Japan |
| SHREK LICENSE     | A Fateful Yarn of a Secret Agent And a Feminist who must Find a Feminist in A Jet Boat |
| SHRUNK DIVINE     | A Fateful Character Study of a Waitress And a Technical Writer who must Battle a Hunter in A Baloon |
| SIDE ARK          | A Stunning Panorama of a Crocodile And a Womanizer who must Meet a Feminist in The Canadian Rockies |
| SIEGE MADRE       | A Boring Tale of a Frisbee And a Crocodile who must Vanquish a Moose in An Abandoned Mine Shaft |
| SIERRA DIVIDE     | A Emotional Character Study of a Frisbee And a Mad Scientist who must Build a Madman in California |
| SILENCE KANE      | A Emotional Drama of a Sumo Wrestler And a Dentist who must Confront a Sumo Wrestler in A Baloon |
| SILVERADO GOLDFINGER | A Stunning Epistle of a Sumo Wrestler And a Man who must Challenge a Waitress in Ancient India |
| SIMON NORTH       | A Thrilling Documentary of a Technical Writer And a A Shark who must Face a Pioneer in A Shark Tank |
| SINNERS ATLANTIS   | A Epic Display of a Dog And a Boat who must Succumb a Mad Scientist in An Abandoned Mine Shaft |
+-----+-----+
21 rows in set (0.00 sec)
```

3. Liste des locations du client 5

+-----+	
rental_id	
+-----+	
	731
	1085
	1142
	1502
	1631
	2063
	2570
	3126
	3677
	4889
	5016
	5118
	5156
	5721
	6042
	6663
	6685
	7293
	7652
	7829
	8263
	8978
	9493
	9888
	10609
	10625
	11001
	11179
	11930
	12145
	12797
	13063
	13209
	13877
	14053
	14430
	14494
	15232
+-----+	

38 rows in set (0.00 sec)

4. Liste des clients inactifs triés par magasins

customer_id
124
271
368
406
482
534
558
592
16
64
169
241
315
446
510

15 rows in set (0.00 sec)

5. Liste des clients dont le nom est « BROOKS » et qui sont encore actifs

customer_id
73

1 row in set (0.00 sec)

6. Quels sont les clients dont le nom de famille ne contient pas de « E »

customer_id	last_name
504	ADAM
36	ADAMS
470	ALLARD
449	AQUINO
188	ARMSTRONG
170	ARNOLD
345	ARTIS
530	ASHCRAFT
196	AUSTIN
559	BANDA

	215		BANKS	
	503		BARCLAY	
	317		BAUGH	
...				
	28		YOUNG	

+-----+-----+

272 rows in set (0.00 sec)

7. Liste des identifiants des acteurs ayant joué sur le film N°1 et dont l'identifiant est supérieur à 100

+-----+		
	actor_id	
+-----+		
	108	
	162	
	188	
	198	
+-----+		

4 rows in set (0.00 sec)

8. Quels sont les acteurs dont le nom contient un W

+-----+-----+			
	actor_id	last_name	
+-----+-----+			
	26	CRAWFORD	
	129	CRAWFORD	
	105	CROWE	
	48	DAY-LEWIS	
	19	FAWCETT	
	199	FAWCETT	
	97	HAWKE	
	21	PALTROW	
	69	PALTROW	
	9	SWANK	
	2	WAHLBERG	
	95	WAHLBERG	
	196	WALKEN	
	29	WAYNE	
	163	WEST	
	197	WEST	
	72	WILLIAMS	
	137	WILLIAMS	
	172	WILLIAMS	
	83	WILLIS	
	96	WILLIS	
	164	WILLIS	
	168	WILSON	
	68	WINSLET	

	147		WINSLET	
	144		WITHERSPOON	
	13		WOOD	
	156		WOOD	
	63		WRAY	
	85		ZELLWEGER	
	111		ZELLWEGER	
	186		ZELLWEGER	

+-----+

32 rows in set (0.00 sec)

9. Liste des locations qui ont été gratuites

+-----+

	rental_id	
--	-----------	--

+-----+

	13968	
	15407	
	15745	
	14137	
	14741	
	14488	
	15191	
	15497	
	12352	
	15282	
	13161	
	15717	
	11676	
	15234	
	13713	
	12610	
	12959	
	11782	
	14769	
	13577	
	14516	
	12915	
	14425	
	13464	

+-----+

24 rows in set (0.00 sec)

10. Employés qui n'ont pas encore de mot de passe

+-----+-----+-----+

	staff_id		first_name		last_name	
--	----------	--	------------	--	-----------	--

+-----+-----+-----+

	2		Jon		Stephens	
--	---	--	-----	--	----------	--

+-----+-----+-----+

1 row in set (0.06 sec)

Jointures

Série 1

1. Nom et prénom des acteurs du film N° 5

```
+-----+-----+
| first_name | last_name |
+-----+-----+
| GARY       | PHOENIX   |
| DUSTIN     | TAUTOU    |
| MATTHEW    | LEIGH     |
| MATTHEW    | CARREY    |
| THORA      | TEMPLE    |
+-----+-----+
5 rows in set (0.00 sec)
```

2. Liste des adresses situées à « Bamenda »

```
+-----+-----+-----+
| address          | postal_code | city    |
+-----+-----+-----+
| 1641 Changhwa Place | 37636      | Bamenda |
+-----+-----+-----+
1 row in set (0.00 sec)
```

3. Afficher le nom des films 3, 5 et 7 ainsi que la liste de leurs acteurs

```
+-----+-----+-----+
| title           | first_name | last_name |
+-----+-----+-----+
| ADAPTATION HOLES | NICK       | WAHLBERG  |
| ADAPTATION HOLES | BOB        | FAWCETT   |
| ADAPTATION HOLES | CAMERON    | STREEP    |
| ADAPTATION HOLES | RAY        | JOHANSSON |
| ADAPTATION HOLES | JULIANNE   | DENCH     |
| AFRICAN EGG      | GARY       | PHOENIX   |
| AFRICAN EGG      | DUSTIN     | TAUTOU    |
| AFRICAN EGG      | MATTHEW    | LEIGH     |
| AFRICAN EGG      | MATTHEW    | CARREY    |
| AFRICAN EGG      | THORA      | TEMPLE    |
| AIRPLANE SIERRA  | JIM        | MOSTEL    |
| AIRPLANE SIERRA  | RICHARD    | PENN      |
| AIRPLANE SIERRA  | OPRAH     | KILMER    |
| AIRPLANE SIERRA  | MENA       | HOPPER    |
| AIRPLANE SIERRA  | MICHAEL    | BOLGER    |
+-----+-----+-----+
15 rows in set (0.00 sec)
```

4. Liste des noms des films disponibles dans le magasin 2

```
+-----+
| title                                     |
+-----+
| ACADEMY DINOSAUR                       |
| ACE GOLDFINGER                         |
| ADAPTATION HOLES                      |
| AFFAIR PREJUDICE                      |
| AFRICAN EGG                          |
| AGENT TRUMAN                         |
| AIRPLANE SIERRA                      |
| AIRPORT POLLOCK                      |
| ALABAMA DEVIL                        |
|
...
| ZOOLANDER FICTION                     |
| ZORRO ARK                           |
+-----+
762 rows in set (0.00 sec)
```

5. Afficher les données complète des clients (prénom,nom, email, adresse, ville, pays)

```
+-----+-----+-----+-----+-----+-----+
| first_name | last_name | email                               | address                               | city                               | country                               |
+-----+-----+-----+-----+-----+-----+
| VERA       | MCCOY    | VERA.MCCOY@sakilacustomer.org      | 1168 Najafabad Parkway              | Kabul                             | Afghanistan                         |
| MARIO      | CHEATHAM | MARIO.CHEATHAM@sakilacustomer.org   | 1924 Shimonoseki Drive              | Batna                             | Algeria                             |
| JUDY       | GRAY     | JUDY.GRAY@sakilacustomer.org        | 1831 Daugavpils Parkway             | Bchar                             | Algeria                             |
| JUNE       | CARROLL  | JUNE.CARROLL@sakilacustomer.org     | 757 Rustenburg Avenue              | Skikda                            | Algeria                             |
| ANTHONY    | SCHWAB   | ANTHONY.SCHWAB@sakilacustomer.org   | 1892 Naberezhnye Teln Lane          | Tafuna                            | American Samoa                     |
| CLAUDE     | HERZOG   | CLAUDE.HERZOG@sakilacustomer.org    | 486 Ondo Parkway                   | Benguela                          | Angola                             |
| MARTIN     | BALES    | MARTIN.BALES@sakilacustomer.org     | 368 Hunuco Boulevard               | Namibe                            | Angola                             |
| BOBBY      | BOUDREAU | BOBBY.BOUDREAU@sakilacustomer.org   | 1368 Maracabo Boulevard            | South Hill                        | Anguilla                           |
|
...
| MARIA      | MILLER   | MARIA.MILLER@sakilacustomer.org     | 900 Santiago de Compostela Parkway  | Kragujevac                       | Yugoslavia                          |
| MAX        | PITT     | MAX.PITT@sakilacustomer.org         | 1917 Kumbakonam Parkway            | Novi Sad                         | Yugoslavia                          |
| BARRY      | LOVELACE | BARRY.LOVELACE@sakilacustomer.org   | 1836 Korla Parkway                 | Kitwe                            | Zambia                             |
+-----+-----+-----+-----+-----+-----+
599 rows in set (0.00 sec)
```

6. Même liste mais triés par ordre alphabétique des prénom et nom

Série 2

1. Liste des acteurs ayant le même prénom

```
+-----+-----+-----+-----+
| first_name | last_name | first_name | last_name |
+-----+-----+-----+-----+
| SANDRA     | PECK      | SANDRA     | KILMER    |
| JOHNNY     | CAGE      | JOHNNY     | LOLLOBRIGIDA |
| TOM        | MIRANDA  | TOM        | MCKELLEN  |
| NICK       | STALLONE  | NICK       | WAHLBERG  |
| JULIA      | BARRYMORE | JULIA      | MCQUEEN   |
| PENELOPE   | PINKETT   | PENELOPE   | GUINNESS  |
```

DAN	HARRIS	DAN	TORN	
CHRISTIAN	AKROYD	CHRISTIAN	GABLE	
CHRISTIAN	NEESON	CHRISTIAN	GABLE	
CHRISTIAN	NEESON	CHRISTIAN	AKROYD	
CAMERON	WRAY	CAMERON	STREEP	
...				
JULIA	FAWCETT	JULIA	MCQUEEN	
JULIA	FAWCETT	JULIA	BARRYMORE	
JULIA	FAWCETT	JULIA	ZELLWEGER	

+-----+-----+-----+-----+

95 rows in set (0.02 sec)

2. Trouver les combinaisons de villes du même district

+-----+-----+		
city	city	
+-----+-----+		
Abu Dhabi	al-Ayn	
Acua	Torren	
Adana	Tarsus	
Ahmadnagar	Bhusawal	
Ahmadnagar	Chandrapur	
Ahmadnagar	Pune	
Akishima	Hino	
Akron	Dayton	
al-Hawiya	Jedda	
Allende	Salamanca	
...		
York	Bradford	
York	London	
York	Southend-on-Sea	
York	Stockport	
Yuzhou	Nanyang	
Zaoyang	Enshi	
Zaoyang	Ezhou	
Zaoyang	Laohekou	
Zaoyang	Xiangfan	
Zapopan	Guadalajara	
Zaria	Kaduna	

+-----+-----+

519 rows in set (0.11 sec)

3. Trouver la liste des films loués par le client 300

```
+-----+
| title |
+-----+
| LEGEND JEDI |
| HILLS NEIGHBORS |
| DREAM PICKUP |
| REBEL AIRPORT |
| MARRIED GO |
| SLIPPER FIDELITY |
| GREASE YOUTH |
| SHIP WONDERLAND |
| TEEN APOLLO |
| SCALAWAG DUCK |
| GANGS PRIDE |
| CONEHEADS SMOOCHY |
| SECRET GROUNDHOG |
| FORREST SONS |
| RUN PACIFIC |
| HOURS RAGE |
| DATE SPEED |
| TOMORROW HUSTLER |
| SIEGE MADRE |
| KISS GLORY |
| SLEUTH ORIENT |
| FORRESTER COMANCHEROS |
| ARACHNOPHOBIA ROLLERCOASTER |
| GRAPES FURY |
| HEAVYWEIGHTS BEAST |
| GIANT TROOPERS |
| CASPER DRAGONFLY |
| HARRY IDAHO |
| FICTION CHRISTMAS |
| OUTLAW HANKY |
| SATURDAY LAMBS |
+-----+
31 rows in set (0.01 sec)
```


4. Liste des films de la catégorie 7

```

+-----+-----+
| title           | name |
+-----+-----+
| APOLLO TEEN     | Drama |
| BEAUTY GREASE   | Drama |
| BEETHOVEN EXORCIST | Drama |
| BLADE POLISH    | Drama |
| BRIGHT ENCOUNTERS | Drama |
| BUNCH MINDS     | Drama |
| CHILL LUCK      | Drama |
| CHITTY LOCK     | Drama |
| CONEHEADS SMOOCHY | Drama |
| ...
| VIRGIN DAISY    | Drama |
| WARDROBE PHANTOM | Drama |
| WEST LION       | Drama |
| WITCHES PANIC   | Drama |
+-----+-----+
62 rows in set (0.00 sec)

```

5. Les noms des clients ayant profités de locations gratuites ainsi que le nom du film en question

```

+-----+-----+-----+
| first_name | last_name | title           |
+-----+-----+-----+
| HELEN      | HARRIS    | SMOKING BARBARELLA |
| CAROLYN    | PEREZ     | RIVER OUTLAW       |
| CHRISTINE  | ROBERTS   | MOTIONS DETAILS    |
| HEATHER    | MORRIS    | LAWLESS VISION     |
| MILDRED    | BAILEY    | CHAMBER ITALIAN    |
| TAMMY      | SANDERS   | TROUBLE DATE       |
| TAMMY      | SANDERS   | SLEEPY JAPANESE    |
| FLORENCE   | WOODS     | BLADE POLISH       |
| GAIL       | KNIGHT    | CHASING FIGHT      |
| CATHY      | SPENCER   | HOLES BRANNIGAN    |
| ANNETTE    | OLSON     | DEER VIRGINIAN     |
| LUCY       | WHEELER   | CURTAIN VIDEOTAPE  |
| NATALIE    | MEYER     | WOMEN DORADO       |
| ALLISON    | STANLEY   | CYCLONE FAMILY     |
| MARGIE     | WADE      | PHILADELPHIA WIFE  |
| CASSANDRA  | WALTERS   | PRINCESS GIANT     |
| SONIA      | GREGORY   | FRIDA SLIPPER      |

```

JUSTIN	NGO	TITANIC BOONDOCK
LAWRENCE	LAWTON	HALF OUTFIELD
MIGUEL	BETANCOURT	STATE WASTELAND
BILL	GAVIN	CLEOPATRA DEVIL
ELMER	NOE	MINORITY KISS
JORDAN	ARCHULETA	MOVIE SHAKESPEARE
MORRIS	MCCARTER	VANISHED GARDEN

24 rows in set (0.02 sec).

6. La liste des gens ayant loué un film en Mandarin

...

Fonctions d'agrégations

1. Le chiffre d'affaire total sur tous les magasins

Total CA tous
67416.51

1 row in set (0.00 sec)

2. Le chiffre d'affaire total du magasin 1

Total CA magasin 1
33524.62

1 row in set (0.03 sec)

3. Le prix de vente moyen d'une location

Moyenne location
4.200667

1 row in set (0.02 sec)

4. Combien de films qui n'ont pas été rendus?

```

+-----+
| nb films non rendu |
+-----+
|                183 |
+-----+
1 row in set (0.00 sec)

```

5. Combien de personnes qui n'ont pas rendu leur location?

```

+-----+
| nb personne non rendu |
+-----+
|                159 |
+-----+
1 row in set (0.17 sec)

```

6. Le nombre de clients par pays (pays ayant plus d'un client)

```

+-----+-----+
| country                | nb pers par pays |
+-----+-----+
| Algeria                | 3 |
| Angola                 | 2 |
| Argentina              | 13 |
| Austria                | 3 |
| Azerbaijan             | 2 |
| Bangladesh            | 3 |
| Belarus                | 2 |
| Bolivia                | 2 |
| Brazil                 | 28 |
| Bulgaria               | 2 |
| Cambodia               | 2 |
| Cameroon               | 2 |
| Canada                 | 5 |
| Chile                  | 3 |
| China                  | 53 |
| Colombia               | 6 |
| Congo, The Democratic Republic of the | 2 |
| Dominican Republic    | 3 |
| Ecuador                | 3 |
| Egypt                  | 6 |
| France                 | 4 |
| French Polynesia       | 2 |
| Germany                | 7 |
| Greece                 | 2 |
| ...
| Russian Federation     | 28 |
| Saudi Arabia           | 5 |
| South Africa           | 11 |

```

South Korea		5	
Spain		5	
Sudan		2	
Switzerland		3	
Taiwan		10	
Tanzania		3	
Thailand		3	
Turkey		15	
Ukraine		6	
United Arab Emirates		3	
United Kingdom		9	
United States		36	
Venezuela		7	
Vietnam		6	
Yemen		4	
Yugoslavia		2	

+-----+-----+

67 rows in set (0.00 sec)

7. Les 10 clients ayant loués le plus de films

+-----+-----+
customer_id nb_loc
+-----+-----+
148 46
526 45
144 42
236 42
75 41
197 40
469 40
178 39
137 39
468 39
+-----+-----+

10 rows in set (0.01 sec)

8. Les 10 clients les plus rentables

+-----+-----+
customer_id ca_par_client
+-----+-----+
526 221.55
148 216.54
144 195.58
137 194.61
178 194.61
459 186.62
469 177.60

468	175.61
236	175.58
181	174.66

10 rows in set (0.03 sec)

9. Les 5 films ayant le plus d'acteur ainsi que leur titre

title	nb_acteur
LAMBS CINCINATTI	15
DRACULA CRYSTAL	13
CHITTY LOCK	13
CRAZY HOME	13
BOONDOCK BALLROOM	13

5 rows in set (0.02 sec)

10. L'acteur ayant tourné dans le moins de films

actor_id	nb_films
148	14

1 row in set (0.00 sec)

11. Le temps total que cela nous prendrait à regarder toute la collection de film disponible dans le magasin numéro 1 (en heures arrondies au supérieur)

nb_heure_matter_la_collec
1455

1 row in set (0.00 sec)

12. Est-ce qu'il y a des adresses avec plus d'un client ?

Sous Requêtes

1. Trouver les langues qui ne possèdent pas de films

name
Italian
Japanese
Mandarin

```
| French |
| German |
+-----+
```

5 rows in set (0.00 sec)

2. Trouver la liste des films qui sont actuellement loués (qui n'ont pas été rendus)

```
+-----+
| title          |
+-----+
| ACADEMY DINOSAUR |
| ACE GOLDFINGER  |
| AFFAIR PREJUDICE |
| AFRICAN EGG     |
| ALI FOREVER     |
| ALONE TRIP      |
| AMADEUS HOLY    |
| ...            |
| WILD APOLLO     |
| WINDOW SIDE     |
| WOMEN DORADO    |
| WORLD LEATHERNECKS |
| ZHIVAGO CORE    |
+-----+
```

169 rows in set (0.01 sec)