

Rapport labo 3 - BDR

Exos

Voici les résultats de toutes les commandes pour chaque exercice.

1

	customer_id	nom	email
1	93	FOSTER	PHYLLIS.FOSTER@sakilacustomer.org

2

	titre	annee_sortie
1	CLOSER BANG	2006
2	GO PURPLE	2006

3

	country	city	postal_code
1	France	Brest	61507
2	France	Le Mans	22853
3	France	Toulon	80720
4	France	Toulouse	34021
5	Mozambique	Beira	86768
6	Mozambique	Naala-Porto	65892
7	Mozambique	Tete	71986
8	Myanmar	Monywa	68146
9	Myanmar	Myingyan	53561
10	Nauru	Yangor	65952
11	Nepal	Birgunj	97960
12	Netherlands	Amersfoort	33711
13	Netherlands	Apeldoorn	11044
14	Netherlands	Ede	504
15	Netherlands	Emmen	42123
16	Netherlands	s-Hertogenbosch	43310

4

1 row			
	customer_id	prenom	nom
1	51	ALICE	STEWART

5

1-500 of 147,632				
	prenom_1	nom_1	prenom_2	nom_2
5	TOMMY	COLLAZO	ISAAC	OGLESBY
6	MANUEL	MURRELL	CASEY	MENA
7	MANUEL	MURRELL	VERNON	CHAPA
8	ANDREW	PURDY	TONY	CARRANZA
9	ANDREW	PURDY	LEO	EBERT
10	ANDREW	PURDY	ALBERTO	HENNING
11	ANDREW	PURDY	CLAYTON	BARBEE
12	ANDREW	PURDY	GENE	SANBORN
13	ANDREW	PURDY	ROSS	GREY
14	ANDREW	PURDY	LANCE	PEMBERTON
15	DELORES	HANSEN	GEORGIA	JACOBS
16	DELORES	HANSEN	BOBBIE	CRAIG
17	DELORES	HANSEN	LENA	JENSEN
18	DELORES	HANSEN	CLAUDIA	FULLER
19	DELORES	HANSEN	CHRISTOPHER	GRECO
20	DELORES	HANSEN	DIANNE	SHELTON
21	DELORES	HANSEN	MIKE	WAY
22	DELORES	HANSEN	RAMON	CHOATE
23	DELORES	HANSEN	DOUGLAS	GRAF
24	DELORES	HANSEN	JACOB	LANCE
25	DELORES	HANSEN	ERNEST	STEPP
26	DELORES	HANSEN	ERIKA	PENA
27	DELORES	HANSEN	RONALD	WEINER
28	DELORES	HANSEN	THEODORE	CULP
29	DELORES	HANSEN	JENNIE	TERRY
30	DELORES	HANSEN	LEAH	CURTIS
31	DELORES	HANSEN	JIM	REA
32	DELORES	HANSEN	ERIC	ROBERT
33	DELORES	HANSEN	CLIFFORD	BOWENS
34	NELSON	CHRISTENSON	GUY	BROWNLEE
35	CASSANDRA	WALTERS	LANCE	PEMBERTON
36	CASSANDRA	WALTERS	EVERETT	BANDA
37	CASSANDRA	WALTERS	DEAN	SAUER
38	CASSANDRA	WALTERS	WALTER	PERRYMAN
39	CASSANDRA	WALTERS	DAVID	LADUE

6

	<input type="checkbox"/> prenom	<input type="checkbox"/> nom
5	SUSAN	DAVIS
6	LUCILLE	DEE
7	KENNETH	TORN
8	KARL	BERRY
9	JUDY	DEAN
10	KARL	BERRY
11	KENNETH	TORN
12	BURT	DUKAKIS
13	LUCILLE	DEE
14	KENNETH	TORN
15	SUSAN	DAVIS
16	CHRIS	DEPP
17	GINA	DEGENERES
18	KENNETH	HOFFMAN
19	ALAN	DREYFUSS
20	KENNETH	TORN
21	KIM	ALLEN
22	SUSAN	DAVIS
23	JULIANNE	DENCH
24	KIM	ALLEN
25	FRANCES	DAY-LEWIS
26	ROCK	DUKAKIS
27	SCARLETT	DAMON
28	KIM	ALLEN
29	KARL	BERRY
30	JULIANNE	DENCH
31	ROCK	DUKAKIS
32	BURT	DUKAKIS
33	KIRSTEN	PALTROW
34	SUSAN	DAVIS
35	KARL	BERRY
36	BURT	DUKAKIS
37	KENNETH	PALTROW
38	KEVIN	GARLAND

7

a)

36 rows

	id	titre	prix_de_location_par_jour
5	41	ARSENIC INDEPENDENCE	0.2475
6	87	BOONDOCK BALLROOM	0.14142857142857142857
7	108	BUTCH PANTHER	0.165
8	128	CATCH AMISTAD	0.14142857142857142857
9	144	CHINATOWN GLADIATOR	0.71285714285714285714
10	148	CHOCOLATE DUCK	0.99666666666666666667
11	171	COMMANDMENTS EXPRESS	0.83166666666666666667
12	198	CRYSTAL BREAKING	0.49833333333333333333
13	217	DAZED PUNK	0.83166666666666666667
14	221	DELIVERANCE MULHOLLAND	0.2475
15	318	FIREHOUSE VIETNAM	0.14142857142857142857
16	325	FLOATS GARDEN	0.49833333333333333333
17	332	FRANKENSTEIN STRANGER	0.14142857142857142857
18	359	GLADIATOR WESTWARD	0.83166666666666666667
19	404	HATE HANDICAP	0.2475
20	419	HOCUS FRIDA	0.7475
21	495	KENTUCKIAN GIANT	0.598
22	497	KILL BROTHERHOOD	0.2475
23	607	MUPPET MILE	0.998
24	642	ORDER BETRAYED	0.42714285714285714286
25	669	PEARL DESTINY	0.99666666666666666667
26	671	PERDITION FARGO	0.71285714285714285714
27	701	PSYCHO SHRUNK	0.598
28	712	RAIDERS ANTITRUST	0.2475
29	742	ROOF CHAMPION	0.14142857142857142857
30	801	SISTER FREDDY	0.998
31	802	SKY MIRACLE	0.42714285714285714286
32	874	TADPOLE PARK	0.49833333333333333333
33	909	TREASURE COMMAND	0.33
34	950	VOLUME HOUSE	0.71285714285714285714
35	954	WAKE JAWS	0.71285714285714285714
36	955	WALLS ARTIST	0.71285714285714285714

b)

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36 rows

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	id	titre	prix_de_location_par_jour
1	14	ALICE FANTASIA	0.165
2	33	APOLLO TEEN	0.598
3	36	ARGONAUTS TOWN	0.14142857142857142857
4	38	ARK RIDGEMONT	0.165
5	41	ARSENIC INDEPENDENCE	0.2475
6	87	BOONDOCK BALLROOM	0.14142857142857142857
7	108	BUTCH PANTHER	0.165
8	128	CATCH AMISTAD	0.14142857142857142857
9	144	CHINATOWN GLADIATOR	0.71285714285714285714
10	148	CHOCOLATE DUCK	0.99666666666666666667
11	171	COMMANDMENTS EXPRESS	0.83166666666666666667
12	198	CRYSTAL BREAKING	0.49833333333333333333
13	217	DAZED PUNK	0.83166666666666666667
14	221	DELIVERANCE MULHOLLAND	0.2475
15	318	FIREHOUSE VIETNAM	0.14142857142857142857
16	325	FLOATS GARDEN	0.49833333333333333333
17	332	FRANKENSTEIN STRANGER	0.14142857142857142857
18	359	GLADIATOR WESTWARD	0.83166666666666666667
19	404	HATE HANDICAP	0.2475
20	419	HOCUS FRIDA	0.7475
21	495	KENTUCKIAN GIANT	0.598
22	497	KILL BROTHERHOOD	0.2475
23	607	MUPPET MILE	0.998
24	642	ORDER BETRAYED	0.42714285714285714286
25	669	PEARL DESTINY	0.99666666666666666667
26	671	PERDITION FARGO	0.71285714285714285714
27	701	PSYCHO SHRUNK	0.598
28	712	RAIDERS ANTITRUST	0.2475
29	742	ROOF CHAMPION	0.14142857142857142857
30	801	SISTER FREDDY	0.998
31	802	SKY MIRACLE	0.42714285714285714286
32	874	TADPOLE PARK	0.49833333333333333333
33	909	TREASURE COMMAND	0.33
34	950	VOLUME HOUSE	0.71285714285714285714

8

a)

	id	nom	prenom
1	394	BROTHERS	CHRIS
2	52	SANCHEZ	JULIE

b)

	id	nom	prenom
1	394	BROTHERS	CHRIS
2	52	SANCHEZ	JULIE

c)

	id	nom	prenom
1	394	BROTHERS	CHRIS
2	52	SANCHEZ	JULIE

9

	prenom	nom
1	WALLACE	SLONE

10

	film_id	titre	nb_acteurs
1	209	DARKNESS WAR	2
2	225	DESTINATION JERK	3
3	272	EDGE KISSING	3
4	666	PAYCHECK WAIT	3
5	643	ORIENT CLOSER	4
6	514	LEBOWSKI SOLDIERS	3
7	942	VIETNAM SMOOCHY	2
8	818	SOMETHING DUCK	3
9	979	WITCHES PANIC	4
10	282	ENCOUNTERS CURTAIN	4
11	98	BRIGHT ENCOUNTERS	4
12	173	CONFESSIONS MAGUIRE	4
13	630	NOTTING SPEAKEASY	2
14	439	HUNCHBACK IMPOSSIBLE	2
15	739	ROCKY WAR	3
16	230	DIARY PANIC	4
17	218	DECEIVER BETRAYED	4
18	907	TRANSLATION SUMMER	3
19	366	GOLDFINGER SENSIBILITY	4
20	790	SHOOTIST SUPERFLY	3

11

	id	name	nb_films
1	2	Animation	66
2	6	Documentary	68
3	8	Family	69
4	9	Foreign	73
5	15	Sports	74

12

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	id	titre	duree
1	15	ALIEN CENTER	46
2	469	IRON MOON	46
3	504	KWAI HOMEWARD	46
4	505	LABYRINTH LEAGUE	46
5	730	RIDGEMONT SUBMARINE	46

13

a)

83 rows		
	id	titre
1	20	AMELIE HELLFIGHTERS
2	34	ARABIA DOGMA
3	53	BANG KWAI
4	62	BED HIGHBALL
5	112	CALENDAR GUNFIGHT
6	123	CASABLANCA SUPER
7	124	CASPER DRAGONFLY
8	133	CHAMBER ITALIAN
9	136	CHAPLIN LICENSE
10	138	CHARIOTS CONSPIRACY
11	162	CLUELESS BUCKET
12	165	COLDBLOODED DARLING
13	172	CONEHEADS SMOOCHY
14	194	CROW GREASE
15	200	CURTAIN VIDEOTAPE
16	205	DANCES NONE
17	209	DARKNESS WAR
18	220	DEER VIRGINIAN
19	239	DOGMA FAMILY
20	268	EARLY HOME
21	277	ELEPHANT TROJAN
22	292	EXCITEMENT EVE
23	326	FLYING HOOK
24	329	FORREST SONS
25	334	FREDDY STORM
26	338	FRISCO FORREST
27	348	GANDHI KWAI
28	351	GASLIGHT CRUSADE
29	369	GOODFELLAS SALUTE
30	388	GUNFIGHT MOON
31	392	HALL CASSIDY
32	409	HEARTBREAKERS BRIGHT
33	418	HOBBIT ALIEN
34	430	HOOK CHARIOTS

b)

83 rows

	id	titre
1	20	AMELIE HELLFIGHTERS
2	34	ARABIA DOGMA
3	53	BANG KWAI
4	62	BED HIGHBALL
5	112	CALENDAR GUNFIGHT
6	123	CASABLANCA SUPER
7	124	CASPER DRAGONFLY
8	133	CHAMBER ITALIAN
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10	138	CHARIOTS CONSPIRACY
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12	165	COLDBLOODED DARLING
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21	277	ELEPHANT TROJAN
22	292	EXCITEMENT EVE
23	326	FLYING HOOK
24	329	FORREST SONS
25	334	FREDDY STORM
26	338	FRISCO FORREST
27	348	GANDHI KWAI
28	351	GASLIGHT CRUSADE
29	369	GOODFELLAS SALUTE
30	388	GUNFIGHT MOON
31	392	HALL CASSIDY
32	409	HEARTBREAKERS BRIGHT
33	418	HOBBIT ALIEN
34	430	HOOK CHARIOTS

14

1 row

	nb_jours
1	240

15

	id	nom	email	pays	nb_locations	depense_totale	depense_moyenne
1	104	GRAHAM	RITA.GRAHAM@sakilacustomer.org	France	24	92.76	3.865
2	35	GREEN	VIRGINIA.GREEN@sakilacustomer.org	France	32	129.68	4.0525
3	162	HUDSON	LAUREN.HUDSON@sakilacustomer.org	France	20	71.8	3.59
4	402	YANEZ	LUIS.YANEZ@sakilacustomer.org	France	20	79.8	3.99
5	196	AUSTIN	ALMA.AUSTIN@sakilacustomer.org	Germany	35	151.65	4.3328571428571429
6	448	BETANCOURT	MIGUEL.BETANCOURT@sakilacustomer.org	Germany	29	135.71	4.6796551724137931
7	251	BREWER	VICKIE.BREWER@sakilacustomer.org	Germany	31	120.69	3.8932258064516129
8	227	BURTON	COLLEEN.BURTON@sakilacustomer.org	Germany	24	87.76	3.6566666666666667
9	114	ELLIS	GRACE.ELLIS@sakilacustomer.org	Germany	33	139.67	4.2324242424242424
10	201	FIELDS	VICKI.FIELDS@sakilacustomer.org	Germany	25	108.75	4.35
11	195	SIMS	VANESSA.SIMS@sakilacustomer.org	Germany	19	86.81	4.5689473684210526
12	598	DELVALLE	WADE.DELVALLE@sakilacustomer.org	Switzerland	22	83.78	3.8081818181818182
13	155	KNIGHT	GAIL.KNIGHT@sakilacustomer.org	Switzerland	25	109.75	4.39
14	61	RIVERA	KATHERINE.RIVERA@sakilacustomer.org	Switzerland	14	58.86	4.2042857142857143

16

a)

	count
1	15678

c)

	count
1	0

18

- b) Nous ne connaissons par le dernier ID inséré sur notre dernier INSERT INTO, donc nous utilisons un WITH pour stocker l'ensemble de retour contenant l'ID de l'insertion précédente.
- c) Notre solution n'a pas besoin d'être executée dans une transaction au final car l'ID utilisée est celle retournée à l'insertion précédente.
- d) Résultat (en JSON pour la lisibilité) :

```
[
  {
    "customer_id": 600,
    "store_id": 1,
    "first_name": "Guillaume",
    "last_name": "Ransome",
    "email": "gr@bluewin.ch",
    "address_id": 606,
    "active": true,
    "create_date": "2023-11-19 13:40:11.779334 +00:00",
  }
]
```

```
"last_update": "2023-11-19 13:40:11.779334 +00:00",  
"address": "Rue du centre",  
"address2": "",  
"district": "Vaud",  
"city_id": 601,  
"postal_code": "1260",  
"phone": "021/360.00.00",  
"city": "Nyon",  
"country_id": 91  
}  
]
```