

TASCA S2.01 Nocions bàsiques SQL

Nivell 1

- Exercici 1

A partir dels documents adjunts (estructura_dades i dades_introduir), importa les dues taules. Mostra les característiques principals de l'esquema creat i explica les diferents taules i variables que existeixen. Assegura't d'incloure un diagrama que il·lustri la relació entre les diferents taules i variables.

Tipos de Variable:

VARCAHRA -> Texto

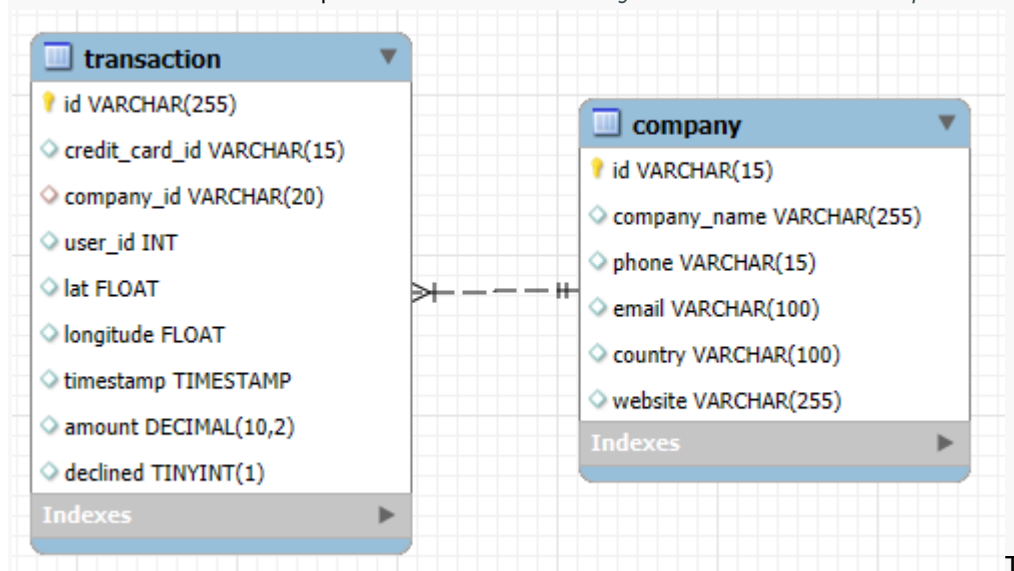
INT -> Numerico sin Decimal

FLOAT -> Decimal impreciso

Timestamp -> Fecha y hora

Decimal -> Decimal preciso

Tinyint -> Numerico Pequeño



La tabla transaction contiene los datos de las compras que se hacen en nuestra empresa, los valores que proporciona es el id(ID de la Transacción), credit_card_id(ID de la tarjeta utilizada), company_id(ID que asocia a la tabla company donde estan los datos de la compañía), user_id, lat, longitud, timestamp(Dia/Hora que se hace la transacción), amount(El valor de la compra), declined(Info de si es aceptada o no)

```
3 • SELECT * FROM transaction;
4
-
```

Result Grid

	id	credit_card_id	company_id	user_id	lat	longitude	timestamp	amount	declined
▶	02C6201E-D90A-1859-B4EE-88D2986D3...	CcU-2938	b-2362	92	81.9185	-12.5276	2021-08-28 23:42:24	466.92	0
	0466A42E-47CF-8D24-FD01-C0B689713...	CcU-4219	b-2302	170	-43.9695	-117.525	2021-07-26 07:29:18	49.53	0
	063FBA79-99EC-66FB-29F7-25726D176...	CcU-2987	b-2250	275	-81.2227	-129.05	2022-01-06 21:25:27	92.61	0
	0668296C-CD89-A883-768C-2E4C44F8C...	CcU-3743	b-2618	265	-34.3593	-100.556	2022-01-26 02:07:14	394.18	0

transaction 105 x

Output

Action Output

#	Time	Action	Message
✓ 1	13:31:59	SELECT * FROM transaction	587 row(s) returned

La tabla *company* contiene los datos de las compañías que hacen compras, los valores que proporciona *id* (ID de la empresa, utilizado para asociar la tabla a *transaction*), *company_name*, *phone*, *email*, *country*, *website*

7 • **SELECT * FROM company;**

id	company_name	phone	email	country	website
b-2222	Ac Fermentum Incorporated	06 85 56 52 33	donec.porttitor.tellus@yahoo.net	Germany	https://instagram.com/site
b-2226	Magna A Neque Industries	04 14 44 64 62	risus.donec.nibh@icloud.org	Australia	https://whatsapp.com/group/9
b-2230	Fusce Corp.	08 14 97 58 85	risus@protonmail.edu	United States	https://pinterest.com/sub/cars
b-2234	Convallis In Incorporated	06 66 57 29 50	mauris.ut@aol.couk	Germany	https://cnn.com/user/110

company 106 x

Output

#	Time	Action	Message
1	13:31:59	SELECT * FROM transaction	587 row(s) returned
2	13:33:08	SELECT * FROM company	100 row(s) returned

- Exercici 2

Utilitzant JOIN realitzaràs les següents consultes:

- Llistat dels països que estan fent compres.

```

6 /* - Exercici 2
7 Utilitzant JOIN realitzaràs les següents consultes:*/
8 # Llistat dels països que estan fent compres.
9 • SELECT DISTINCT cp.country FROM company cp INNER JOIN transaction tr ON cp.id = tr.company_id;
10

```

country
Germany
Australia
United States
New Zealand
Norway

Result 109 x

Output

#	Time	Action	Message
1	13:31:59	SELECT * FROM transaction	587 row(s) returned
2	13:33:08	SELECT * FROM company	100 row(s) returned
3	10:28:08	SELECT * FROM transaction	587 row(s) returned
4	10:34:38	SELECT DISTINCT cp.country FROM company cp INNER JOIN transaction tr ON cp.id = tr.company_id	15 row(s) returned
5	10:35:19	SELECT DISTINCT cp.country FROM company cp INNER JOIN transaction tr ON cp.id = tr.company_id	15 row(s) returned

- Des de quants països es realitzen les compres.

```

11 # Des de quants països es realitzen les compres.
12 • SELECT count( DISTINCT cp.country) FROM company cp INNER JOIN transaction tr ON cp.id = tr.company_id;
13

```

count(DISTINCT cp.country)
15

Result 110 x

Output

#	Time	Action	Message
1	13:31:59	SELECT * FROM transaction	587 row(s) returned
2	13:33:08	SELECT * FROM company	100 row(s) returned
3	10:28:08	SELECT * FROM transaction	587 row(s) returned
4	10:34:38	SELECT DISTINCT cp.country FROM company cp INNER JOIN transaction tr ON cp.id = tr.company_id	15 row(s) returned
5	10:35:19	SELECT DISTINCT cp.country FROM company cp INNER JOIN transaction tr ON cp.id = tr.company_id	15 row(s) returned
6	10:35:57	SELECT count(DISTINCT cp.country) FROM company cp INNER JOIN transaction tr ON cp.id = tr.company_id	1 row(s) returned

- Identifica la companyia amb la mitjana més gran de vendes.

```

14 # Identifica la companyia amb la mitjana més gran de vendes.*/
15 • SELECT cp.company_name ,avg(tr.amount) FROM company cp INNER JOIN transaction tr ON cp.id = tr.company_id GROUP BY cp.id, cp.company_name ORDER BY avg(tr.amount) DESC LIMIT 1 ;
16

```

company_name	avg(tr.amount)
Eget Ipsum Ltd	473.075000

Result 111 x

Output

Action Output

#	Time	Action	Message
1	13:31:59	SELECT * FROM transaction	587 row(s) returned
2	13:33:08	SELECT * FROM company	100 row(s) returned
3	10:28:08	SELECT * FROM transaction	587 row(s) returned
4	10:34:38	SELECT DISTINCT cp.country FROM company cp INNER JOIN transaction tr ON cp.id = tr.company_id	15 row(s) returned
5	10:35:19	SELECT DISTINCT cp.country FROM company cp INNER JOIN transaction tr ON cp.id = tr.company_id	15 row(s) returned
6	10:35:57	SELECT count(DISTINCT cp.country) FROM company cp INNER JOIN transaction tr ON cp.id = tr.company_id	1 row(s) returned
7	10:36:17	SELECT cp.company_name ,avg(tr.amount) FROM company cp INNER JOIN transaction tr ON cp.id = tr.company_id G...	1 row(s) returned

- Exercici 3

Utilitzant només subconsultes (sense utilitzar JOIN):

- Mostra totes les transaccions realitzades per empreses d'Alemanya.

```

17 /* - Exercici 3
18 Utilitzant només subconsultes (sense utilitzar JOIN): */
19 # Mostra totes les transaccions realitzades per empreses d'Alemanya.
20 • SELECT tr.*, cp.country FROM company cp, transaction tr
21 WHERE cp.id = tr.company_id AND cp.country = "Germany";

```

Result Grid

Filter Rows:

Export: Wrap Cell Contents

id	credit_card_id	company_id	user_id	lat	longitude	timestamp	amount	declined	country
10881D1D-5B23-A76C-55EF-C568E49A0...	CcU-2938	b-2222	275	83.7839	-178.86	2021-07-07 17:43:16	293.57	0	Germany
EA2C3281-C9C1-A387-44F8-729FB4851...	CcU-2938	b-2222	275	20.2004	-116.84	2021-05-09 10:25:08	119.36	1	Germany
0DD2E608-5C9E-D1B3-4999-B99F43AD7...	CcU-2959	b-2234	275	9.68811	130.282	2021-04-17 05:30:17	252.47	1	Germany
AB069F53-965E-A2A8-CE06-CA8C4FD9...	CcU-2959	b-2234	275	1.64819	-158.007	2021-04-15 13:37:18	60.99	0	Germany
0466A42E-47CF-8D24-FD01-C08689713...	CcU-4219	b-2302	170	-43.9695	-117.525	2021-07-26 07:29:18	49.53	0	Germany
0A476ED9-0C13-1962-F87B-D3563924B...	CcU-4359	b-2302	221	-56.4901	114.801	2022-02-26 20:33:54	430.49	0	Germany

Result 112 x

Output

Action Output

#	Time	Action	Message
1	13:31:59	SELECT * FROM transaction	587 row(s) returned
2	13:33:08	SELECT * FROM company	100 row(s) returned
3	10:28:08	SELECT * FROM transaction	587 row(s) returned
4	10:34:38	SELECT DISTINCT cp.country FROM company cp INNER JOIN transaction tr ON cp.id = tr.company_id	15 row(s) returned
5	10:35:19	SELECT DISTINCT cp.country FROM company cp INNER JOIN transaction tr ON cp.id = tr.company_id	15 row(s) returned
6	10:35:57	SELECT count(DISTINCT cp.country) FROM company cp INNER JOIN transaction tr ON cp.id = tr.company_id	1 row(s) returned
7	10:36:17	SELECT cp.company_name ,avg(tr.amount) FROM company cp INNER JOIN transaction tr ON cp.id = tr.company_id G...	1 row(s) returned
8	10:37:01	SELECT tr.*, cp.country FROM company cp, transaction tr WHERE cp.id = tr.company_id AND cp.country = "Germany"	118 row(s) returned

- Llista les empreses que han realitzat transaccions per un amount superior a la mitjana de totes les transaccions.

```

23 # Llista les empreses que han realitzat transaccions per un amount superior a la mitjana de totes les transaccions.
24 • SELECT * FROM company cp WHERE cp.id IN (SELECT tr.company_id FROM transaction tr WHERE tr.amount > (SELECT avg(tr.amount) FROM transaction tr));
25

```

id	company_name	phone	email	country	website
b-2222	Ac Fermentum Incorporated	06 85 56 52 33	donec.porttitor.tellus@yahoo.net	Germany	https://instagram.com/site
b-2226	Magna A Neque Industries	04 14 44 64 62	risus.donec.nibh@icloud.org	Australia	https://whatsapp.com/group/9
b-2230	Fusce Corp.	08 14 97 58 85	risus@protonmail.edu	United States	https://pinterest.com/sub/cars
b-2238	Ante Iaculis Nec Foundation	08 23 04 99 53	sed.dictum.proin@outlook.ca	New Zealand	https://netflix.com/settings
b-2242	Donec Ltd	01 25 51 37 37	at.iaculis@hotmail.couk	Norway	https://nytimes.com/user/110
b-2246	Sed Nunc Ltd	02 62 64 73 48	nibh@yahoo.org	United Kingdom	https://cnn.com/one
b-2254	Nascetur Ridiculus Mus Inc.	06 26 87 61 84	suspendisse.dui@icloud.net	United States	https://ebay.com/sub
b-2258	Vestibulum Lorem PC	02 02 87 33 40	aenean.massa.integer@aol.net	Belgium	https://pinterest.com/sub/cars
b-2269	Gravida Santhit IIP	03 81 28 33 97	turpis.vitae@nnonle.ca	Sweden	https://naver.com/site

#	Time	Action	Message
1	13:31:59	SELECT * FROM transaction	587 row(s) returned
2	13:33:08	SELECT * FROM company	100 row(s) returned
3	10:28:08	SELECT * FROM transaction	587 row(s) returned
4	10:34:38	SELECT DISTINCT cp.country FROM company cp INNER JOIN transaction tr ON cp.id = tr.company_id	15 row(s) returned
5	10:35:19	SELECT DISTINCT cp.country FROM company cp INNER JOIN transaction tr ON cp.id = tr.company_id	15 row(s) returned
6	10:35:57	SELECT count(DISTINCT cp.country) FROM company cp INNER JOIN transaction tr ON cp.id = tr.company_id	1 row(s) returned
7	10:36:17	SELECT cp.company_name_avg(tr.amount) FROM company cp INNER JOIN transaction tr ON cp.id = tr.company_id G...	1 row(s) returned
8	10:37:01	SELECT tr.*, cp.country FROM company cp, transaction tr WHERE cp.id = tr.company_id AND cp.country = "Germany"	118 row(s) returned
9	10:37:30	SELECT * FROM company cp WHERE cp.id IN (SELECT tr.company_id FROM transaction tr WHERE tr.amount > (SEL...	70 row(s) returned
10	10:37:33	SELECT * FROM company cp WHERE cp.id IN (SELECT tr.company_id FROM transaction tr WHERE tr.amount > (SEL...	70 row(s) returned

- Eliminaran del sistema les empreses que no tenen transaccions registrades, entrega el llistat d'aquestes empreses.

```

26
27 # Eliminaran del sistema les empreses que no tenen transaccions registrades, entrega el llistat d'aquestes empreses.
28 • SELECT * FROM company cp
29 WHERE cp.id NOT IN (
30     SELECT company_id
31     FROM transaction
32 );
33
34

```

id	company_name	phone	email	country	website
NULL	NULL	NULL	NULL	NULL	NULL

#	Time	Action	Message
1	13:31:59	SELECT * FROM transaction	587 row(s) returned
2	13:33:08	SELECT * FROM company	100 row(s) returned
3	10:28:08	SELECT * FROM transaction	587 row(s) returned
4	10:34:38	SELECT DISTINCT cp.country FROM company cp INNER JOIN transaction tr ON cp.id = tr.company_id	15 row(s) returned
5	10:35:19	SELECT DISTINCT cp.country FROM company cp INNER JOIN transaction tr ON cp.id = tr.company_id	15 row(s) returned
6	10:35:57	SELECT count(DISTINCT cp.country) FROM company cp INNER JOIN transaction tr ON cp.id = tr.company_id	1 row(s) returned
7	10:36:17	SELECT cp.company_name_avg(tr.amount) FROM company cp INNER JOIN transaction tr ON cp.id = tr.company_id G...	1 row(s) returned
8	10:37:01	SELECT tr.*, cp.country FROM company cp, transaction tr WHERE cp.id = tr.company_id AND cp.country = "Germany"	118 row(s) returned
9	10:37:30	SELECT * FROM company cp WHERE cp.id IN (SELECT tr.company_id FROM transaction tr WHERE tr.amount > (SEL...	70 row(s) returned
10	10:37:33	SELECT * FROM company cp WHERE cp.id IN (SELECT tr.company_id FROM transaction tr WHERE tr.amount > (SEL...	70 row(s) returned
11	10:38:04	SELECT * FROM company cp WHERE cp.id NOT IN (SELECT company_id FROM transaction)	0 row(s) returned
12	10:38:37	SELECT * FROM company cp WHERE cp.id NOT IN (SELECT company_id FROM transaction)	0 row(s) returned

Nivell 2

Exercici 1

Identifica els cinc dies que es va generar la quantitat més gran d'ingressos a l'empresa per vendes. Mostra la data de cada transacció juntament amb el total de les vendes.

```

35 # NIVELL 2
36 /*Exercici 1
37 Identifica els cinc dies que es va generar la quantitat més gran d'ingressos a l'empresa per vendes . Mostra la data de cada transacció juntament amb el total de les vendes.*/
38 • SELECT date(tr.timestamp) ,sum(tr.amount) suma FROM transaction tr WHERE tr.declined = 0 GROUP BY date(tr.timestamp) ORDER BY suma DESC limit 5;
39
40 /*Exercici 2

```

date(tr.timestamp)	suma
2021-12-20	1532.36
2021-04-22	1397.96
2021-05-09	1344.37
2022-02-26	1337.62
2021-03-29	1325.12

```

sult 118 x
Output
Action Output
# Time Action Message
1 10:46:40 SELECT date(tr.timestamp) ,sum(tr.amount) suma FROM transaction tr WHERE tr.declined = 0 GROUP BY date(tr.timestamp) ORDER BY suma DESC limit 5; 5 row(s) returned

```

Exercici 2

Quina és la mitjana de vendes per país? Presenta els resultats ordenats de major a menor mitjà.

```

39
40 /*Exercici 2
41 Quina és la mitjana de vendes per país? Presenta els resultats ordenats de major a menor mitjà.*/
42 • SELECT cp.country, avg(tr.amount) FROM transaction tr INNER JOIN company cp ON cp.id = tr.company_id GROUP BY cp.country ORDER BY avg(tr.amount) DESC;
43
44
45 /*Exercici 3
46 En la teva empresa, es planteja un nou projecte per a llançar algunes campanyes publicitàries per a fer competència a la companyia "Non Institute".

```

country	avg(tr.amount)
United States	309.179412
Ireland	277.308387
United Kingdom	270.731700
Canada	269.647869
Sweden	260.615063
Norway	254.216324

```

Result 121 x
Output
Action Output
# Time Action Message
1 10:47:01 SELECT * FROM transaction 587 row(s) returned
2 10:47:14 SELECT cp.country, avg(tr.amount) FROM transaction tr INNER JOIN company cp ON cp.id = tr.company_id GROUP BY cp.country ORDER BY avg(tr.amount) DESC; 15 row(s) returned
3 10:47:22 SELECT cp.country, avg(tr.amount) FROM transaction tr INNER JOIN company cp ON cp.id = tr.company_id GROUP BY cp.country ORDER BY avg(tr.amount) DESC; 15 row(s) returned

```

Exercici 3

En la teva empresa, es planteja un nou projecte per a llançar algunes campanyes publicitàries per a fer competència a la companyia "Non Institute". Per a això, et demanen la llista de totes les transaccions realitzades per empreses que estan situades en el mateix país que aquesta companyia.

- Mostra el llistat aplicant JOIN i subconsultes.

```

43 /*Exercici 3
44 En la teva empresa, es planteja un nou projecte per a llançar algunes campanyes publicitàries per a fer competència a la companyia "Non Institute".
45 Per a això, et demanen la llista de totes les transaccions realitzades per empreses que estan situades en el mateix país que aquesta companyia.*/
46 #Mostra el llistat aplicant JOIN i subconsultes.
47 • SELECT tr.*, cp.country
48 FROM company cp
49 INNER JOIN transaction tr ON cp.id = tr.company_id
50 WHERE cp.country = (
51 SELECT cp.country
52 FROM company cp
53 WHERE cp.company_name="Non Institute");

```

id	credit_card_id	company_id	user_id	lat	longitude	timestamp	amount	declined	country
29828E1C-EC14-A760-0A75-871477649...	CU-2980	b-2246	275	-41.0406	161.685	2021-08-10 08:14:49	383.73	0	United Kingdom
ACD2011A-A281-C365-41E1-2A80C65...	CU-2980	b-2246	275	-54.4792	-82.7974	2022-03-05 20:41:20	60.07	1	United Kingdom
4334349E-CE80-3068-A4D4-FEB718A1...	CU-3092	b-2310	275	-20.4859	150.87	2021-05-03 22:37:23	458.74	0	United Kingdom
8C289A38-7784-28CD-1FEB-140ED863E...	CU-3092	b-2310	275	-78.0295	18.5295	2021-10-18 07:27:35	477.95	1	United Kingdom
14798302-876A-C789-4CE3-807C2D65...	CU-2994	b-2326	133	66.2672	172.399	2021-08-09 00:58:07	309.45	0	United Kingdom
152598C2-0290-D684-4B66-91EDF393E...	CU-2994	b-2326	126	-67.0189	-141.672	2021-07-05 02:10:00	395.43	0	United Kingdom
18636858-A2E8-7CE9-D9C9-C5453D5AF...	CU-2994	b-2326	131	70.2543	-13.1336	2021-07-06 08:48:46	195.06	0	United Kingdom
59A18E9E-B884-BF0B-B77A-30C71BENR...	CU-1000A	b-7376	176	-70.1145	1.6181	2023-01-03 15:40:30	470.53	0	United Kingdom

```

Result 122 x
Output
Action Output
# Time Action Message
1 10:48:02 SELECT tr.*, cp.country FROM company cp INNER JOIN transaction tr ON cp.id = tr.company_id WHERE cp.country = (SELECT cp.country FROM company cp WHERE cp.company_name="Non Institute"); 100 row(s) returned

```

- Mostra el llistat aplicant solament subconsultes.

```

54
55 #Mostra el llistat aplicant solament subconsultes.
56 • SELECT tr.*
57 FROM transaction tr
58 WHERE tr.company_id IN (
59     SELECT cp.id
60     FROM company cp
61     WHERE cp.country = (SELECT cp.country FROM company cp WHERE cp.company_name = 'Non Institute')
62 );

```

id	credit_card_id	company_id	user_id	lat	longitude	timestamp	amount	declined
2B928E1C-EC14-A760-0A75-871477649...	CcU-2980	b-2246	275	-41.0496	161.685	2021-08-10 08:14:49	383.73	0
ACD2011A-A2B1-C365-41E1-2A800C65...	CcU-2980	b-2246	275	-54.4792	-82.7974	2022-03-05 20:41:20	60.07	1
4334349E-CEB0-3D68-A4D4-FE87718A1...	CcU-3092	b-2310	275	-20.4859	150.87	2021-05-03 22:37:23	458.74	0
BC2B9A38-77B4-28CD-1FE8-14DED863E...	CcU-3092	b-2310	275	-78.0295	18.5295	2021-10-18 07:27:35	477.95	1
147983D2-B78A-C7B8-4CE3-8D7C2DE85...	CcU-2994	b-2326	133	66.2672	172.399	2021-08-09 00:58:07	309.45	0
152598C2-029D-D684-4B66-91EDF393E...	CcU-2994	b-2326	126	-67.0189	-141.672	2021-07-05 03:10:00	395.43	0
1B636B58-A2E8-7C69-D9C9-C54535DAF...	CcU-2994	b-2326	131	70.2543	-13.1336	2021-07-06 08:48:46	195.06	0
7041818E5-B8B4-BF0B-BD7A-405C1BFEB...	CcU-2994	b-2326	126	-70.1145	1.51481	2022-01-03 15:50:20	470.52	0

transaction 123 x

Output

Action Output

#	Time	Action	Message
1	10:48:02	SELECT tr.*, cp.country FROM company cp INNER JOIN transaction tr ON cp.id = tr.company_id WHERE cp.country = (...	100 row(s) returned
2	10:48:37	SELECT tr.* FROM transaction tr WHERE tr.company_id IN (SELECT cp.id FROM company cp WHERE cp.countr...	100 row(s) returned

Nivell 3

Exercici 1

Presenta el nom, telèfon, país, data i amount, d'aquelles empreses que van realitzar transaccions amb un valor comprès entre 100 i 200 euros i en alguna d'aquestes dates: 29 d'abril del 2021, 20 de juliol del 2021 i 13 de març del 2022. Ordena els resultats de major a menor quantitat.

```

64 /*Nivell 3
65 Exercici 1
66 Presenta el nom, telèfon, país, data i amount, d'aquelles empreses que van realitzar transaccions amb un valor comprès entre 100 i 200 euros
67 i en alguna d'aquestes dates: 29 d'abril del 2021, 20 de juliol del 2021 i 13 de març del 2022.
68 Ordena els resultats de major a menor quantitat.*/
69 • SELECT cp.company_name, cp.phone, cp.country, date(tr.timestamp), tr.amount
70 FROM company cp
71 JOIN transaction tr ON cp.id = tr.company_id
72 WHERE tr.amount BETWEEN 100 AND 200
73 AND date(tr.timestamp) IN ("2021-04-29", "2021-07-20", "2022-03-13")
74 ORDER BY tr.amount DESC;

```

company_name	phone	country	date(tr.timestamp)	amount
Interdum Feuqiat Sed Associates	04 88 40 32 52	United Kingdom	2021-07-20	164.86
Nunc Interdum Incorporated	05 18 15 48 13	Germany	2022-03-13	164.32
Enim Condimentum Ltd	09 55 51 66 25	United Kingdom	2021-04-29	149.89
Lorem Eu Incorporated	01 83 66 62 07	Canada	2021-07-20	133.39
Nunc Interdum Incorporated	05 18 15 48 13	Germany	2021-04-29	111.51

Result 126 x

Output

Action Output

#	Time	Action	Message
1	10:53:40	SELECT cp.company_name, cp.phone, cp.country, date(tr.timestamp), tr.amount FROM company cp JOIN transaction tr...	5 row(s) returned

Exercici 2

Necessitem optimitzar l'assignació dels recursos i dependrà de la capacitat operativa que es requereixi, per la qual cosa et demanen la informació sobre la quantitat de transaccions que realitzen les empreses, però el departament de recursos humans és exigent i vol un llistat de les empreses on especifiquis si tenen més de 4 transaccions o menys.

```

/8
79  /*Exercici 2
80  Necessitem optimitzar l'assignació dels recursos i dependrà de la capacitat operativa que es requereixi,
81  per la qual cosa et demanen la informació sobre la quantitat de transaccions que realitzen les empreses,
82  però el departament de recursos humans és exigent i vol un llistat de les empreses on especifiquis si tenen més de 4 transaccions o menys.
83  */
84  • SELECT tr.company_id, cp.company_name , count(*) numTransaccions, CASE
85      WHEN count(*) >= 3 THEN "+ de 4"
86      ELSE "- de 4"
87      END MoreThan4
88      FROM transaction tr JOIN company cp ON tr.company_id = cp.id GROUP BY tr.company_id, cp.company_name;
89
90
91

```

Result Grid

company_id	company_name	numTransaccions	MoreThan4
b-2222	Ac Fermentum Incorporated	2	- de 4
b-2226	Magna A Neque Industries	2	- de 4
b-2230	Fusce Corp.	2	- de 4
b-2234	Convallis In Incorporated	2	- de 4
b-2238	Ante Jaculis Nec Foundation	2	- de 4
b-2242	Donec Ltd	2	- de 4
b-2246	Sed Nunc Ltd	2	- de 4

Output

#	Time	Action	Message
1	12:48:03	SELECT tr.company_id, cp.company_name , count(*) numTransaccions, CASE WHEN count(*) >= 3 THEN "+ de...	100 row(s) returned