

# Tasca S3.01.Manipulació de taules

## NIVELL 1

### Exercici 1

La teva tasca és dissenyar i crear una taula anomenada "credit\_card" que emmagatzemi detalls crucials sobre les targetes de crèdit. La nova taula ha de ser capaç d'identificar de manera única cada targeta i establir una relació adequada amb les altres dues taules ("transaction" i "company"). Després de crear la taula serà necessari que ingressis la informació del document denominat "dades\_introduir\_credit". Recorda mostrar el diagrama i realitzar una breu descripció d'aquest.

```
6
7 CREATE TABLE IF NOT EXISTS credit_card(
8   id VARCHAR(255) NOT NULL,
9   iban VARCHAR(255) NOT NULL,
10  pan VARCHAR(255),
11  pin INT,
12  cvv INT,
13  expiring_date VARCHAR(20),
14  PRIMARY KEY (id));
15
16
17
18 SELECT *
19 FROM credit_card ;
20
21 UPDATE credit_card
22 SET expiring_date=STR_TO_DATE(expiring_date,'%m/%d/%y');
23
24 ALTER TABLE credit_card
25 CHANGE expiring_date expiring_date DATE NOT NULL;
26
27
28 desc credit_card;
29
30 -- Ejercicio 2 --
31 -- =====
```

Output

#	Time	Action	Message	Duration / Fetch
1	17:23:26	ALTER TABLE transaction ADD INDEX idx_credit_card (credit_card_id)	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.312 sec
2	17:23:36	SHOW COLUMNS FROM credit_card	Error Code: 1146. Table transactions.credit_card doesn't exist	0.000 sec
3	17:25:06	CREATE TABLE IF NOT EXISTS credit_card(id VARCHAR(255) NOT NU...	0 row(s) affected	0.000 sec

```
19
20 -- Insertamos datos de credit_card
21 INSERT INTO credit_card (id, iban, pan, pin, cvv, expiring_date) VALUES ('Ccu-2938', 'TR301950312213576817638661', '54244655668
22 INSERT INTO credit_card (id, iban, pan, pin, cvv, expiring_date) VALUES ('Ccu-2945', 'D026854763748537475216568689', '514242382
23 INSERT INTO credit_card (id, iban, pan, pin, cvv, expiring_date) VALUES ('Ccu-2952', 'R645IVQL52710525680255', '4556 453 55 528
24 INSERT INTO credit_card (id, iban, pan, pin, cvv, expiring_date) VALUES ('Ccu-2959', 'CR7242477244335841535', '372461377349375
25 INSERT INTO credit_card (id, iban, pan, pin, cvv, expiring_date) VALUES ('Ccu-2966', 'B672LKTQ15627628377363', '448566 886747 7
26 INSERT INTO credit_card (id, iban, pan, pin, cvv, expiring_date) VALUES ('Ccu-2973', 'PT87806228135892429456346', '544 58654 54
27 INSERT INTO credit_card (id, iban, pan, pin, cvv, expiring_date) VALUES ('Ccu-2980', 'DE392418818838662771136', '482480 71458459
28 INSERT INTO credit_card (id, iban, pan, pin, cvv, expiring_date) VALUES ('Ccu-2987', 'GE89681434837748781813', '3763 747687 766
29 INSERT INTO credit_card (id, iban, pan, pin, cvv, expiring_date) VALUES ('Ccu-2994', 'BH62714428368866765294', '344283273252593
30 INSERT INTO credit_card (id, iban, pan, pin, cvv, expiring_date) VALUES ('Ccu-3001', 'CY49807426654774581266832110', '511722 92
31 INSERT INTO credit_card (id, iban, pan, pin, cvv, expiring_date) VALUES ('Ccu-3008', 'LU587216693616119238', '4485744464433884'
32 INSERT INTO credit_card (id, iban, pan, pin, cvv, expiring_date) VALUES ('Ccu-3015', 'PS119388216295715968342456821', '3784 662
33 INSERT INTO credit_card (id, iban, pan, pin, cvv, expiring_date) VALUES ('Ccu-3022', 'GT9169516285856977423121857', '5164 1379
34 INSERT INTO credit_card (id, iban, pan, pin, cvv, expiring_date) VALUES ('Ccu-3029', 'AZ62317413982441418123739746', '3429 2795
35 INSERT INTO credit_card (id, iban, pan, pin, cvv, expiring_date) VALUES ('Ccu-3036', 'AZ39336802925842865843941994', '3768 4515
36
```

Output

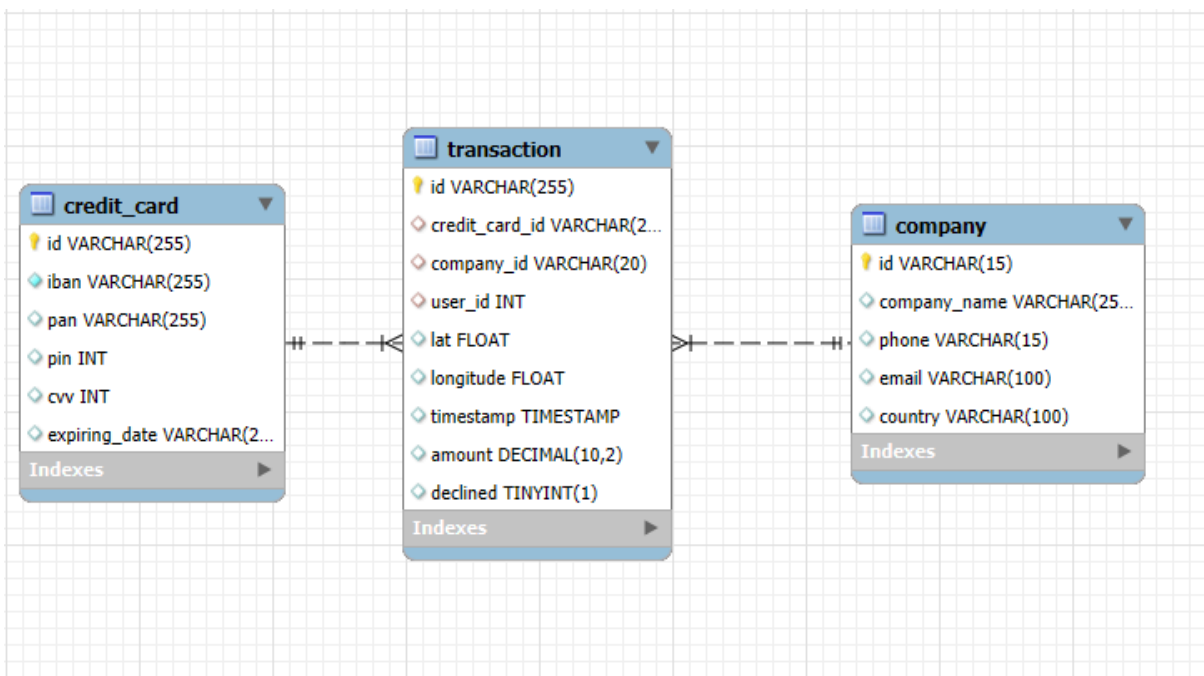
#	Time	Action	Message	Duration / Fetch
5127	13:15:22	INSERT INTO credit_card (id, iban, pan, pin, cvv, expiring_date) VALUES (...)	1 row(s) affected	0.016 sec
5128	13:15:22	INSERT INTO credit_card (id, iban, pan, pin, cvv, expiring_date) VALUES (...)	1 row(s) affected	0.000 sec
5129	13:15:22	INSERT INTO credit_card (id, iban, pan, pin, cvv, expiring_date) VALUES (...)	1 row(s) affected	0.000 sec
5130	13:15:22	INSERT INTO credit_card (id, iban, pan, pin, cvv, expiring_date) VALUES (...)	1 row(s) affected	0.000 sec
5131	13:15:22	INSERT INTO credit_card (id, iban, pan, pin, cvv, expiring_date) VALUES (...)	1 row(s) affected	0.000 sec
5132	13:15:22	INSERT INTO credit_card (id, iban, pan, pin, cvv, expiring_date) VALUES (...)	1 row(s) affected	0.000 sec

```

15
16 • ALTER TABLE transaction
17 ADD CONSTRAINT fk_credit_card_id
18 FOREIGN KEY (credit_card_id)
19 REFERENCES credit_card(id)
20 ON DELETE CASCADE
21 ON UPDATE CASCADE;
22
23 • SELECT *
24 FROM credit_card ;
25
26 • desc credit_card;
27
28 -- Ejercicio 2 --
29 • SELECT *
--

```

Output				
Action Output				
#	Time	Action	Message	Duration / Fetch
5002	17:27:09	INSERT INTO credit_card (d, iban, pan, pin, cvv, expiring_date) VALU...	1 row(s) affected	0.000 sec
5003	17:27:09	INSERT INTO credit_card (d, iban, pan, pin, cvv, expiring_date) VALU...	1 row(s) affected	0.000 sec
5004	17:27:09	INSERT INTO credit_card (d, iban, pan, pin, cvv, expiring_date) VALU...	1 row(s) affected	0.000 sec
5005	17:27:29	SELECT * FROM credit_card	5000 row(s) returned	0.000 sec / 0.000 sec
5006	17:27:39	desc credit_card	6 row(s) returned	0.000 sec / 0.000 sec
5007	17:28:30	ALTER TABLE transaction ADD CONSTRAINT fk_credit_card_id FOR...	100000 row(s) affected Records: 100000 Duplicates: 0 Warnings: 0	0.969 sec



La base de datos sigue un modelo relacional. La tabla principal es *transaction*, que se relaciona con la tabla *company* en una relación de 1=N y con la tabla *credit\_card* en una relación de 1=N.

En la tabla *company* se encuentra la información de empresas como el nombre, país y métodos de contacto.

En la tabla *transaction* encontramos la información de las propias transacciones como la empresa que las ha realizado, el valor total, la ubicación y la fecha en que se realizaron.

En la tabla *credit\_card* se encuentra la información de las tarjetas de crédito con las que se realizan las transacciones como el iban de la cuenta bancaria a la que está asociada esa tarjeta, el pin y el cvv.

## Exercici 2

El departament de Recursos Humans ha identificat un error en el número de compte associat a la targeta de crèdit amb ID CcU-2938. La informació que ha de mostrar-se per a aquest registre és: TR323456312213576817699999. Recorda mostrar que el canvi es va realitzar.

The screenshot displays a database management interface with two main sections. The top section shows a SQL query editor with the following code:

```
37
38 • UPDATE credit_card
39 SET iban = 'TR323456312213576817699999'
40 WHERE id = 'CcU-2938';
41 -- Ejercicio 3 --
42
```

Below the editor, the 'Action Output' tab shows the execution of the UPDATE statement:

#	Time	Action	Message
1	10:22:23	UPDATE credit_card SET iban = 'TR323456312213576817699999' WHERE id = 'CcU-2938'	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0

The bottom section shows a 'Result Grid' with the following data:

id	iban	pan	pin	cvv	expiring_date
CcU-2938	TR323456312213576817699999	5424465566813633	3257	984	10/30/22

Below the result grid, the 'Action Output' tab shows the execution of a SELECT statement:

#	Time	Action	Message	Duration / Fetch
5006	17:27:39	desc credit_card	6 row(s) returned	0.000 sec / 0.000 sec
5007	17:28:30	ALTER TABLE transaction ADD CONSTRAINT fk_credit_card_id FOR...	100000 row(s) affected Records: 100000 Duplicates: 0 Warnings: 0	0.969 sec
5008	17:33:36	SELECT * FROM credit_card	5000 row(s) returned	0.000 sec / 0.000 sec
5009	17:34:28	SELECT * FROM credit_card WHERE id = 'CcU-2938'	1 row(s) returned	0.016 sec / 0.000 sec
5010	17:34:37	UPDATE credit_card SET iban = 'TR323456312213576817699999' W...	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.000 sec
5011	17:34:41	SELECT * FROM credit_card WHERE id = 'CcU-2938'	1 row(s) returned	0.000 sec / 0.000 sec

Exercici 3

En la taula "transaction" ingressa una nova transacció amb la següent informació:

Id	108B1D1D-5B23-A76C-55EF-C568E49A99DD
credit_card_id	CcU-9999
company_id	b-9999
user_id	9999
lat	829.999
longitude	-117.999
amount	111.11
declined	0

```
30
31 • UPDATE credit_card
32 SET iban = 'TR323456312213576817699999'
33 WHERE id = 'CcU-2938';
34 -- Ejercicio 3 --
35 • INSERT INTO credit_card (id)
36 VALUES ('CcU-9999');
37 • INSERT INTO company (id)
38 VALUES ('b-9999');
39
40
41 • INSERT INTO transaction (id,credit_card_id,company_id,user_id,lat,longitude,amount,declined)
42 VALUES ('108B1D1D-5B23-A76C-55EF-C568E49A99DD','CcU-9999','b-9999',9999,'829.999','-117.999','111.11',0);
43
44 • SELECT *
45 FROM transaction
46 WHERE id='108B1D1D-5B23-A76C-55EF-C568E49A99DD';
47 -- Ejercicio 4--
48
49
50 • ALTER TABLE credit_card DROP COLUMN pan;
51 • SHOW COLUMNS FROM credit_card;
52
53
Output
Action Output
# Time Action Message Duration / Fetch
> 110122 11:35:24 UPDATE credit_card SET iban = 'TR323456312213576817699999' WH... 1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0 0.000 sec
> 110123 11:35:30 SELECT * FROM credit_card WHERE id = 'CcU-2938' LIMIT 0, 50000 1 row(s) returned 0.000 sec / 0.000 sec
> 110124 11:35:34 UPDATE credit_card SET iban = 'TR323456312213576817699999' WH... 0 row(s) affected Rows matched: 1 Changed: 0 Warnings: 0 0.000 sec
> 110125 11:35:40 INSERT INTO credit_card (id) VALUES ('CcU-9999') 1 row(s) affected 0.000 sec
> 110126 11:36:42 VALUES ('CcU-9999') Error Code: 1064. You have an error in your SQL syntax; check the manu... 0.000 sec
> 110127 11:36:59 INSERT INTO company (id) VALUES ('b-9999') 1 row(s) affected 0.000 sec
> 110128 11:37:05 INSERT INTO transaction (id,credit_card_id,company_id,user_id,lat,lon... 1 row(s) affected 0.000 sec
```

43

44 • `SELECT *`

45 `FROM transaction`

46 `WHERE id='108B1D1D-5B23-A76C-55EF-C568E49A99DD';`

47 `-- Ejercicio 4--`

48

Result Grid

id	credit_card_id	company_id	user_id	lat	longitude	timestamp	amount	declined
108B1D1D-5B23-A76C-55EF-C568E49A99DD	CcU-9999	b-9999	9999	829.999	-117.999	NULL	111.11	0
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

transaction 8 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
110123	11:35:30	SELECT * FROM credit_card WHERE id = 'CcU-2938' LIMIT 0, 50000	1 row(s) returned	0.000 sec / 0.000 sec
110124	11:35:34	UPDATE credit_card SET iban = 'TR323456312213576817699999' WH...	0 row(s) affected Rows matched: 1 Changed: 0 Warnings: 0	0.000 sec
110125	11:35:40	INSERT INTO credit_card (id) VALUES('CcU-9999')	1 row(s) affected	0.000 sec
110126	11:36:42	VALUES('CcU-9999')	Error Code: 1064. You have an error in your SQL syntax; check the manu...	0.000 sec
110127	11:36:59	INSERT INTO company (id) VALUES (b-9999)	1 row(s) affected	0.000 sec
110128	11:37:05	INSERT INTO transaction (id,credit_card_id,company_id,user_id,lat,longit...	1 row(s) affected	0.000 sec
110129	11:37:50	SELECT * FROM transaction WHERE id='108B1D1D-5B23-A76C-55EF-...	1 row(s) returned	0.000 sec / 0.000 sec

## Exercici 4

Des de recursos humans et sol·liciten eliminar la columna "pan" de la taula credit\_card. Recordar mostrar el canvi realitzat.

```

44 -- Ejercicio 4--
45
46
47 • ALTER TABLE credit_card DROP COLUMN pan;
48
49 -- NIVELL 2 --
50
51 -- Ejercicio 1 --
52 -- Explicar el cambio en word
53 • ALTER TABLE credit_card DROP CONSTRAINT credit_card_ibfk_1;
54 • ALTER TABLE credit_card
55 ADD CONSTRAINT fk_credit_card_id
56 FOREIGN KEY (id)
57 REFERENCES transaction(credit_card_id)
58 ON DELETE CASCADE;
59
60 • SELECT *
61 FROM transaction
62 WHERE id = '000447FE-B650-4DCF-85DE-C7ED0EE1CAAD';
63
64 • DELETE FROM transaction
65 WHERE id = '000447FE-B650-4DCF-85DE-C7ED0EE1CAAD';
66
--

```

Output

#	Time	Action	Message	Duration / Fetch
5015	17:37:26	SELECT * FROM transaction WHERE id='108B1D1D-5B23-A76C-55E...	0 row(s) returned	0.000 sec / 0.000 sec
5016	17:37:33	SELECT * FROM transaction WHERE id='108B1D1D-5B23-A76C-55E...	0 row(s) returned	0.000 sec / 0.000 sec
5017	17:37:46	SELECT * FROM transaction WHERE id='108B1D1D-5B23-A76C-55E...	0 row(s) returned	0.000 sec / 0.000 sec
5018	17:37:52	INSERT INTO transaction (id,credit_card_id,company_id,user_id,lat,lon...	1 row(s) affected	0.000 sec
5019	17:37:56	SELECT * FROM transaction WHERE id='108B1D1D-5B23-A76C-55E...	1 row(s) returned	0.000 sec / 0.000 sec
5020	17:38:34	ALTER TABLE credit_card DROP COLUMN pan	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.031 sec

Query Completed

```

46
47 • ALTER TABLE credit_card DROP COLUMN pan;
48 • SHOW COLUMNS FROM credit_card;
49 -- NIVELL 2 --
50
51 -- Ejercicio 1 --
--

```

Result Grid

Field	Type	Null	Key	Default	Extra
id	varchar(255)	NO	PRI	NULL	
iban	varchar(255)	NO		NULL	
pin	int	YES		NULL	
cvv	int	YES		NULL	
expiring_date	varchar(20)	YES		NULL	

Result 11 x Read Only

Output

#	Time	Action	Message	Duration / Fetch
5016	17:37:33	SELECT * FROM transaction WHERE id='108B1D1D-5B23-A76C-55E...	0 row(s) returned	0.000 sec / 0.000 sec
5017	17:37:46	SELECT * FROM transaction WHERE id='108B1D1D-5B23-A76C-55E...	0 row(s) returned	0.000 sec / 0.000 sec
5018	17:37:52	INSERT INTO transaction (id,credit_card_id,company_id,user_id,lat,lon...	1 row(s) affected	0.000 sec
5019	17:37:56	SELECT * FROM transaction WHERE id='108B1D1D-5B23-A76C-55E...	1 row(s) returned	0.000 sec / 0.000 sec
5020	17:38:34	ALTER TABLE credit_card DROP COLUMN pan	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.031 sec
5021	17:39:10	SHOW COLUMNS FROM credit_card	5 row(s) returned	0.000 sec / 0.000 sec

## NIVELL 2

## Exercici 1

Elimina de la taula transaction el registre amb ID

000447FE-B650-4DCF-85DE-C7ED0EE1CAAD de la base de dades.

```
57
58 • DELETE FROM transaction
59 WHERE id = '000447FE-B650-4DCF-85DE-C7ED0EE1CAAD';
60
61 -- Ejercicio 2 --
62
63 • CREATE VIEW VistaMarketing AS
64 SELECT c.company_name,c.phone,c.country,AVG(t.amount) AS 'Media de compras'
65 FROM company c
66 JOIN transaction t
67 ON c.id = t.company_id
68 GROUP BY t.company_id
69 ORDER BY 'Media de compras' DESC ;
70
71 • SELECT *
72 FROM VistaMarketing;
73 -- Ejercicio 3 --
74
75 • SELECT *
76 FROM VistaMarketing
77 WHERE country = 'Germany';
78
79 -- Ejercicio 4 --
```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
5018	17:37:52	INSERT INTO transaction (id,credit_card_id,company_id,user_id,lat,lon...	1 row(s) affected	0.000 sec
5019	17:37:56	SELECT * FROM transaction WHERE id='108B1D1D-5B23-A76C-55E...	1 row(s) returned	0.000 sec / 0.000 sec
5020	17:38:34	ALTER TABLE credit_card DROP COLUMN pan	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.031 sec
5021	17:39:10	SHOW COLUMNS FROM credit_card	5 row(s) returned	0.000 sec / 0.000 sec
5022	17:40:12	SELECT * FROM transaction WHERE id = '000447FE-B650-4DCF-85D...	1 row(s) returned	0.016 sec / 0.000 sec
5023	17:40:18	DELETE FROM transaction WHERE id = '000447FE-B650-4DCF-85DE...	1 row(s) affected	0.016 sec

52  
53  
54 • **SELECT \***  
55 **FROM transaction**  
56 **WHERE id = '000447FE-B650-4DCF-85DE-C7ED0EE1CAAD';**

Result Grid

id	credit_card_id	company_id	user_id	lat	longitude	timestamp	amount	declined
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

transaction 13 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
5019	17:37:56	SELECT * FROM transaction WHERE id='108B1D1D-5B23-A76C-55E...	1 row(s) returned	0.000 sec / 0.000 sec
5020	17:38:34	ALTER TABLE credit_card DROP COLUMN pan	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.031 sec
5021	17:39:10	SHOW COLUMNS FROM credit_card	5 row(s) returned	0.000 sec / 0.000 sec
5022	17:40:12	SELECT * FROM transaction WHERE id = '000447FE-B650-4DCF-85D...	1 row(s) returned	0.016 sec / 0.000 sec
5023	17:40:18	DELETE FROM transaction WHERE id = '000447FE-B650-4DCF-85DE...	1 row(s) affected	0.016 sec
5024	17:40:37	SELECT * FROM transaction WHERE id = '000447FE-B650-4DCF-85D...	0 row(s) returned	0.000 sec / 0.000 sec

## Exercici 2

La secció de màrqueting desitja tenir accés a informació específica per a realitzar anàlisi i estratègies efectives. S'ha sol·licitat crear una vista que proporcioni detalls clau sobre les companyies i les seves transaccions. Serà necessària que creïs una vista anomenada VistaMarketing que contingui la següent informació: Nom de la companyia. Telèfon de contacte. País de residència. Mitjana de compra realitzat per cada companyia. Presenta la vista creada, ordenant les dades de major a menor mitjana de compra.



```

65
66 • CREATE VIEW VistaMarketing AS
67 SELECT c.company_name,c.phone,c.country,AVG(t.amount) AS 'Media de compras'
68 FROM company c
69 JOIN transaction t
70 ON c.id = t.company_id
71 GROUP BY t.company_id
72 ;
73
74 • SELECT *
75 FROM VistaMarketing;
76 -- Ejercicio 3 --
77
78 • SELECT *
79 FROM VistaMarketing
80 WHERE country = 'Germany';
81
82 • ALTER VIEW VistaMarketing AS
83 SELECT c.company_name,c.phone,c.country,AVG(t.amount) AS 'Media de compras'
84 FROM company c
85 JOIN transaction t
86 ON c.id = t.company_id
87 WHERE country = 'Germany'
88 GROUP BY t.company_id
89 ORDER BY 'Media de compras' DESC ;
90

```

Output				
Action Output				
#	Time	Action	Message	Duration / Fetch
110128	11:37:05	INSERT INTO transaction (id,credit_card_id,company_id,user_id,lat,longit...	1 row(s) affected	0,000 sec
110129	11:37:50	SELECT * FROM transaction WHERE id='108B1D1D-5B23-A76C-55EF-...	1 row(s) returned	0,000 sec / 0,000 sec
110130	11:38:44	ALTER TABLE credit_card DROP COLUMN pan	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0,015 sec
110131	11:38:44	SHOW COLUMNS FROM credit_card	5 row(s) returned	0,000 sec / 0,000 sec
110132	11:38:52	DELETE FROM transaction WHERE id = '000447FE-B650-4DCF-85DE-C...	1 row(s) affected	0,016 sec
110133	11:38:54	SELECT * FROM transaction WHERE id = '000447FE-B650-4DCF-85DE...	0 row(s) returned	0,000 sec / 0,000 sec
110134	11:38:59	CREATE VIEW VistaMarketing AS SELECT c.company_name,c.phone,c...	0 row(s) affected	0,000 sec

**Añadir el round y el declined**

73  
74 • `SELECT *`  
75 `FROM VistaMarketing;`  
76 `-- Ejercicio 3 --`  
77  
78 • `SELECT *`

Result Grid
Filter Rows:
Export:
Wrap Cell Content:

	company_name	phone	country	Media de compras
▶	Ac Fermentum Incorporated	06 85 56 52 33	Germany	284.867160
	Magna A Neque Industries	04 14 44 64 62	Australia	260.038610
	Fusce Corp.	08 14 97 58 85	United States	265.228367
	Convallis In Incorporated	06 66 57 29 50	Germany	257.745376
	Ante Iaculis Nec Foundation	08 23 04 99 53	New Zealand	260.336419
	Donec Ltd	01 25 51 37 37	Norway	265.012027
	Sed Nunc Ltd	02 62 64 73 48	United Kingdom	254.133666
	Amet Nulla Donec Corporation	07 15 25 14 74	Italy	258.326486
	Nascetur Ridiculus Mus Inc.	06 26 87 61 84	United States	263.947547
	Vestibulum Lorem PC	02 02 87 33 40	Belgium	264.9458222

VistaMarketing 11 x

Read Only

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 110129	11:37:50	SELECT * FROM transaction WHERE id='108B1D1D-5B23-A76C-55EF-...	1 row(s) returned	0,000 sec / 0,000 sec
✓ 110130	11:38:44	ALTER TABLE credit_card DROP COLUMN pan	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0,015 sec
✓ 110131	11:38:44	SHOW COLUMNS FROM credit_card	5 row(s) returned	0,000 sec / 0,000 sec
✓ 110132	11:38:52	DELETE FROM transaction WHERE id = '000447FE-B650-4DCF-85DE-C...	1 row(s) affected	0,016 sec
✓ 110133	11:38:54	SELECT * FROM transaction WHERE id = '000447FE-B650-4DCF-85DE-...	0 row(s) returned	0,000 sec / 0,000 sec
✓ 110134	11:38:59	CREATE VIEW VistaMarketing AS SELECT c.company_name,c.phone,c...	0 row(s) affected	0,000 sec
✓ 110135	11:39:36	SELECT * FROM VistaMarketing LIMIT 0, 50000	101 row(s) returned	0,266 sec / 0,000 sec

## Exercici 3

75  
76 • `SELECT *`  
77 `FROM VistaMarketing`  
78 `WHERE country = 'Germany';`  
79  
80

Result Grid
Filter Rows:
Export:
Wrap Cell Content:

	company_name	phone	country	Media de compras
▶	Auctor Mauris Corp.	05 62 87 14 41	Germany	254.68
	Ac Fermentum Incorporated	06 85 56 52 33	Germany	284.91
	Nunc Interdum Incorporated	05 18 15 48 13	Germany	259.32
	Aliquam PC	01 45 73 52 16	Germany	252.96
	Ac Industries	09 34 65 40 60	Germany	255.17
	Convallis In Incorporated	06 66 57 29 50	Germany	257.69
	Rutrum Non Inc.	02 66 31 61 09	Germany	255.14
	Augue Foundation	06 88 43 15 63	Germany	253.56

Result Grid  
Form Editor  
Field Types  
Query Stats  
Execution Plan

VistaMarketing 2 ×
Read Only

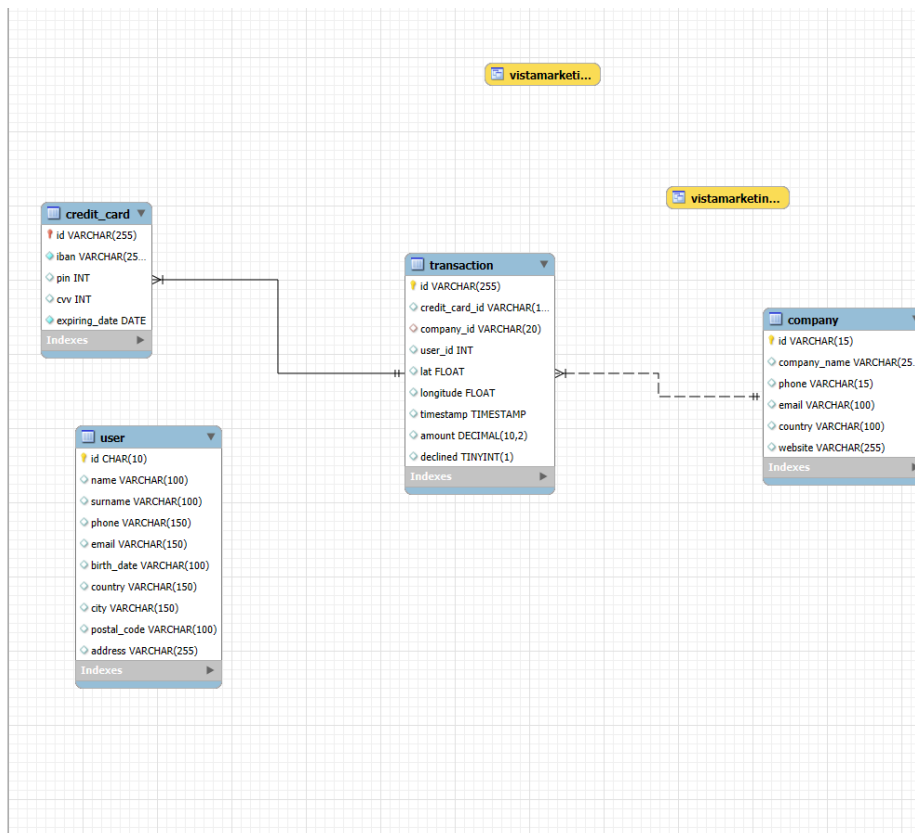
Output

Action Output

#	Time	Action	Message	Duration / Fetch
✖ 1	20:23:45	CREATE VIEW VistaMarketing AS SELECT c.com...	Error Code: 1050. Table 'VistaMarketing' already exi...	0.000 sec
✔ 2	20:24:13	drop view VistaMarketing	0 row(s) affected	0.016 sec
✔ 3	20:24:20	CREATE VIEW VistaMarketing AS SELECT c.com...	0 row(s) affected	0.000 sec
✔ 4	20:24:59	SELECT * FROM VistaMarketing	100 row(s) returned	0.234 sec / 0.000 sec
✔ 5	20:25:59	SELECT * FROM VistaMarketing WHERE country ...	8 row(s) returned	0.156 sec / 0.000 sec

## NIVELL 3

## Exercici 1



```

1 CREATE TABLE IF NOT EXISTS user (
2     id CHAR(10) PRIMARY KEY,
3     name VARCHAR(100),
4     surname VARCHAR(100),
5     phone VARCHAR(150),
6     email VARCHAR(150),
7     birth_date VARCHAR(100),
8     country VARCHAR(150),
9     city VARCHAR(150),
10    postal_code VARCHAR(100),
11    address VARCHAR(255)
12 );

```

#	Time	Action	Message	Duration / Fetch
1	10:32:08	ALTER VIEW VistaMarketing AS SELECT c.company_name,c.phone,c.cou...	0 row(s) affected	0.015 sec
2	10:32:41	SELECT * FROM VistaMarketing LIMIT 0, 50000	8 row(s) returned	0.063 sec / 0.000 sec
3	10:44:01	CREATE TABLE IF NOT EXISTS user (id CHAR(10) PRIMARY KEY, name...	0 row(s) affected	0.031 sec

```

1 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ( "151", "Meg
2 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ( "152", "Hak
3 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ( "153", "Kee
4 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ( "154", "Coo
5 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ( "155", "Jos
6 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ( "156", "Rem
7 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ( "157", "Phi
8 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ( "158", "Fat
9 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ( "159", "Kyl
10 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ( "160", "Lae
11 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ( "161", "Nor
12 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ( "162", "Fra
13 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ( "163", "Den
14 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ( "164", "Pre
15 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ( "165", "Nor
16 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ( "166", "Mat
17 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ( "167", "She
18 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ( "168", "Don
19 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ( "169", "Lin
20 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ( "170", "Wil
21 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ( "171", "Gar
22 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ( "172", "Yok
23 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ( "173", "Ber
24 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ( "174", "Ama
25 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ( "175", "Bre
26 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ( "176", "Luc
27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ( "177", "Lis
28 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ( "178", "Gui
29 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ( "179", "Stu
30 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ( "180", "Ame
31 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ( "181", "Ker
32 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ( "182", "Dan
33 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ( "183", "Ger
34 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ( "184", "Ull
35 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ( "185", "Mol

```

#	Time	Action	Message	Duration / Fetch
4998	10:45:04	INSERT INTO user (id, name, surname, phone, email, birth_date, country, c...	1 row(s) affected	0.000 sec
4999	10:45:04	INSERT INTO user (id, name, surname, phone, email, birth_date, country, c...	1 row(s) affected	0.000 sec
5000	10:45:04	INSERT INTO user (id, name, surname, phone, email, birth_date, country, c...	1 row(s) affected	0.000 sec
5001	10:45:04	INSERT INTO user (id, name, surname, phone, email, birth_date, country, c...	1 row(s) affected	0.000 sec
5002	10:45:04	INSERT INTO user (id, name, surname, phone, email, birth_date, country, c...	1 row(s) affected	0.000 sec
5003	10:45:04	INSERT INTO user (id, name, surname, phone, email, birth_date, country, c...	1 row(s) affected	0.000 sec

Primero creo la tabla 'user' y le cargo los datos usando los archivos adjuntos en el ejercicio.

Cambio el nombre de la tabla para que coincida con el de la imagen y cambio el tipo de variable que es 'id' a INT para que sea posible crear la llave foránea que conectará esta tabla con la tabla 'transaction'. Para poder crear esta llave añado manualmente el id '9999' que he añadido en uno de los ejercicios anteriores.

Creo la llave foránea .

Añadir a la tabla 'credit\_card' la columna 'fecha\_actual' ya que antes no existía y como no tiene datos hago que ponga la fecha actual por defecto a la hora de añadir los datos a la tabla si no se especifica fecha.

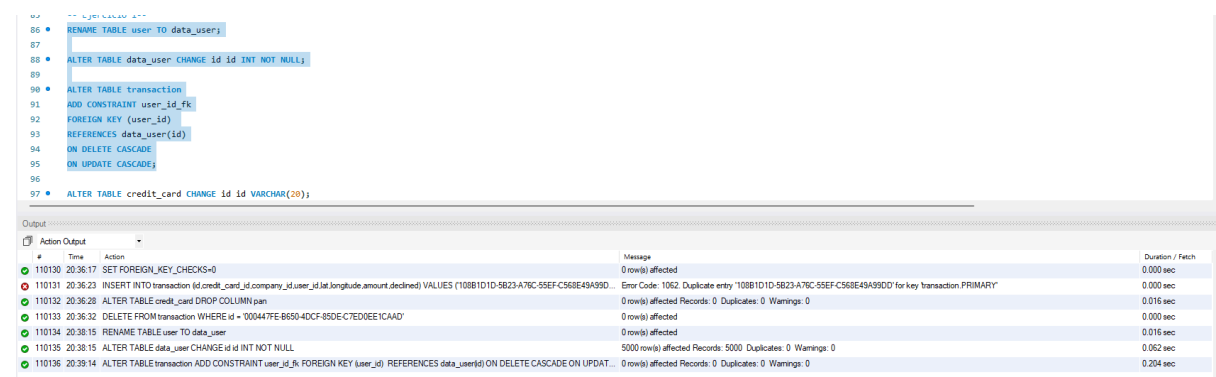
Elimino la columna 'website' de la tabla 'company'

Ahora que la estructura de la tabla es la misma lo que hago es revisar que todos los tipos de variables coincidan con los de la foto y cambiar los que no lo hacen.

Cambio el nombre de la columna 'email' para que coincida con la imagen.

Para poder cambiar 'id' de la tabla 'credit\_card' borro la llave foránea de la tabla 'transaction', cambio el tipo de variable y la vuelvo a añadir.

Borro la vista VistaMarketing.



The screenshot shows a SQL execution environment. The top pane contains a script with the following SQL statements:

```
86 • RENAME TABLE user TO data_user;
87
88 • ALTER TABLE data_user CHANGE id id INT NOT NULL;
89
90 • ALTER TABLE transaction
91 ADD CONSTRAINT user_id_fk
92 FOREIGN KEY (user_id)
93 REFERENCES data_user(id)
94 ON DELETE CASCADE
95 ON UPDATE CASCADE;
96
97 • ALTER TABLE credit_card CHANGE id id VARCHAR(20);
```

The bottom pane shows the output of these statements:

#	Time	Action	Message	Duration / Fetch
110130	20:36:17	SET FOREIGN_KEY_CHECKS=0	0 row(s) affected	0.000 sec
110131	20:36:23	INSERT INTO transaction (id,credit_card_id,company_id,user_id,lat,longitude,amount,declined) VALUES ('100B1D1D-5B23-A76C-55EF-C568E49A99D')	Error Code: 1062. Duplicate entry '100B1D1D-5B23-A76C-55EF-C568E49A99D' for key 'transaction.PRIMARY'	0.000 sec
110132	20:36:28	ALTER TABLE credit_card DROP COLUMN pan	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.016 sec
110133	20:36:32	DELETE FROM transaction WHERE id = '000447FE-B650-4DCF-850E-C7ED0EE1CAAD'	0 row(s) affected	0.000 sec
110134	20:38:15	RENAME TABLE user TO data_user	0 row(s) affected	0.016 sec
110135	20:38:15	ALTER TABLE data_user CHANGE id id INT NOT NULL	5000 row(s) affected Records: 5000 Duplicates: 0 Warnings: 0	0.062 sec
110136	20:39:14	ALTER TABLE transaction ADD CONSTRAINT user_id_fk FOREIGN KEY (user_id) REFERENCES data_user(id) ON DELETE CASCADE ON UPDAT...	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.204 sec

```

96
97 • ALTER TABLE credit_card
98 ADD COLUMN fecha_actual DATE ;
99 • UPDATE credit_card
100 SET fecha_actual = CURRENT_DATE
101 WHERE fecha_actual IS NULL;
102
103 • ALTER TABLE company DROP website;
104
105 • ALTER TABLE credit_card CHANGE id id VARCHAR(20);
106
107 • ALTER TABLE transaction CHANGE credit_card_id credit_card_id VARCHAR(20);
108
109 • ALTER TABLE credit_card CHANGE iban iban VARCHAR(50);
110
111 • ALTER TABLE credit_card CHANGE pin pin VARCHAR(4);
112
113 • ALTER TABLE credit_card CHANGE expiring_date expiring_date VARCHAR(20);
114
115 • ALTER TABLE company DROP website;

```

Output

#	Time	Action	Message	Duration / Fetch
110132	20:36:28	ALTER TABLE credit_card DROP COLUMN pin	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.016 sec
110133	20:36:32	DELETE FROM transaction WHERE id = '000447FE86504DCF85DE C7ED0EE1CAA0'	0 row(s) affected	0.000 sec
110134	20:38:15	RENAME TABLE user TO data_user	0 row(s) affected	0.016 sec
110135	20:38:15	ALTER TABLE data_user CHANGE id id INT NOT NULL	5000 row(s) affected Records: 5000 Duplicates: 0 Warnings: 0	0.062 sec
110136	20:39:14	ALTER TABLE transaction ADD CONSTRAINT user_id_fk FOREIGN KEY (user_id) REFERENCES data_user(id) ON DELETE CASCADE ON UPDAT...	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.204 sec
110137	20:40:38	ALTER TABLE credit_card ADD COLUMN fecha_actual DATE	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.016 sec
110138	20:40:38	UPDATE credit_card SET fecha_actual = CURRENT_DATE WHERE fecha_actual IS NULL	5000 row(s) affected Rows matched: 5000 Changed: 5000 Warnings: 0	0.062 sec

```

90 • DESC data_user ;
91 • ALTER TABLE transaction
92 DROP CONSTRAINT fk_credit_card_id;
93 • ALTER TABLE credit_card CHANGE id id VARCHAR(20);
94 • ALTER TABLE transaction
95 ADD CONSTRAINT fk_credit_card_id
96 FOREIGN KEY (credit_card_id)
97 REFERENCES credit_card(id)
98 ON DELETE CASCADE
99 ON UPDATE CASCADE;
100
101 • ALTER TABLE transaction CHANGE credit_card_id credit_card_id VARCHAR(20);
102
103 • RENAME TABLE user TO data_user;
104
105 • ALTER TABLE data_user CHANGE id id INT NOT NULL;
106
107
108 • ALTER TABLE transaction
109 ADD CONSTRAINT user_id_fk
110 FOREIGN KEY (user_id)
111 REFERENCES data_user(id)
112 ON DELETE CASCADE
113 ON UPDATE CASCADE;
114
115 • ALTER TABLE credit_card

```

Output

#	Time	Action	Message	Duration / Fetch
110144	11:44:11	ALTER TABLE credit_card CHANGE id id VARCHAR(20)	Error Code: 1833. Cannot change column 'id': used in a foreign key constr...	0.000 sec
110145	11:44:39	ALTER TABLE transaction ADD CONSTRAINT user_id_fk FOREIGN KE...	Error Code: 1452. Cannot add or update a child row: a foreign key constr...	0.266 sec
110146	11:45:01	ALTER TABLE credit_card CHANGE id id VARCHAR(20)	Error Code: 1833. Cannot change column 'id': used in a foreign key constr...	0.000 sec
110147	11:48:30	ALTER TABLE transactions DROP CONSTRAINT fk_credit_card_id	Error Code: 1146. Table 'transactions.transactions' doesn't exist	0.000 sec
110148	11:48:45	ALTER TABLE transaction DROP CONSTRAINT fk_credit_card_id	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.015 sec
110149	11:48:50	ALTER TABLE credit_card CHANGE id id VARCHAR(20)	5001 row(s) affected Records: 5001 Duplicates: 0 Warnings: 0	0.110 sec
110150	11:49:06	ALTER TABLE transaction ADD CONSTRAINT fk_credit_card_id FOREI...	100000 row(s) affected Records: 100000 Duplicates: 0 Warnings: 0	1.578 sec

```
1100
1107 • INSERT INTO data_user (id) VALUES ('9999');
1108 • ALTER TABLE transaction
1109 ADD CONSTRAINT user_id_fk
1110 FOREIGN KEY (user_id)
1111 REFERENCES data_user(id)
1112 ON DELETE CASCADE
1113 ON UPDATE CASCADE;
1114
1115 • ALTER TABLE credit_card
1116 ADD COLUMN fecha_actual DATE ;
1117
1118 • UPDATE credit_card
```

Output

#	Time	Action	Message	Duration / Fetch
110150	11:49:06	ALTER TABLE transaction ADD CONSTRAINT tr_credit_card_id FOREIGN KEY (credit_card_id) REFERENCES credit_card(id) ON DELETE CASCADE ON UPDATE CASCADE	100000 row(s) affected Records: 100000 Duplicates: 0 Warnings: 0	1.578 sec
110151	11:51:21	RENAME TABLE user TO data_user	Error Code: 1050 Table 'data_user' already exists	0.000 sec
110152	11:51:26	ALTER TABLE data_user CHANGE id id INT NOT NULL	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.015 sec
110153	11:51:30	ALTER TABLE transaction ADD CONSTRAINT user_id_fk FOREIGN KEY (user_id) REFERENCES data_user(id) ON DELETE CASCADE ON UPDATE CASCADE	Error Code: 1452 Cannot add or update a child row: a foreign key constraint fails ('transactions', 'traj-1c04.j', CONSTRAINT 'user_id_fk' FOREIGN KEY (user_id) REFER	0.297 sec
110154	11:52:45	INSERT INTO user (id) VALUES (99999)	Error Code: 1146 Table 'transactions.user' doesn't exist	0.000 sec
110155	11:53:02	INSERT INTO data_user (id) VALUES (99999)	1 row(s) affected	0.000 sec
110156	11:53:10	ALTER TABLE transaction ADD CONSTRAINT user_id_fk FOREIGN KEY (user_id) REFERENCES data_user(id) ON DELETE CASCADE ON UPDATE CASCADE	100000 row(s) affected Records: 100000 Duplicates: 0 Warnings: 0	1.812 sec

```
1114
1115 • ALTER TABLE credit_card
1116 ADD COLUMN fecha_actual DATE ;
1117
1118 • UPDATE credit_card
1119 SET fecha_actual = CURRENT_DATE
1120 WHERE fecha_actual IS NULL;
1121
1122 • ALTER TABLE credit_card CHANGE iban iban VARCHAR(50);
1123
1124 • ALTER TABLE credit_card CHANGE pin pin VARCHAR(4);
1125
1126 • ALTER TABLE credit_card CHANGE expiring_date expiring_date VARCHAR(20);
1127
1128 • ALTER TABLE company DROP website;
1129
1130 • ALTER TABLE data_user CHANGE email personal_email VARCHAR(150)
1131 ;
1132
1133
1134 -- Ejercicio 2--
1135
1136
```

Output

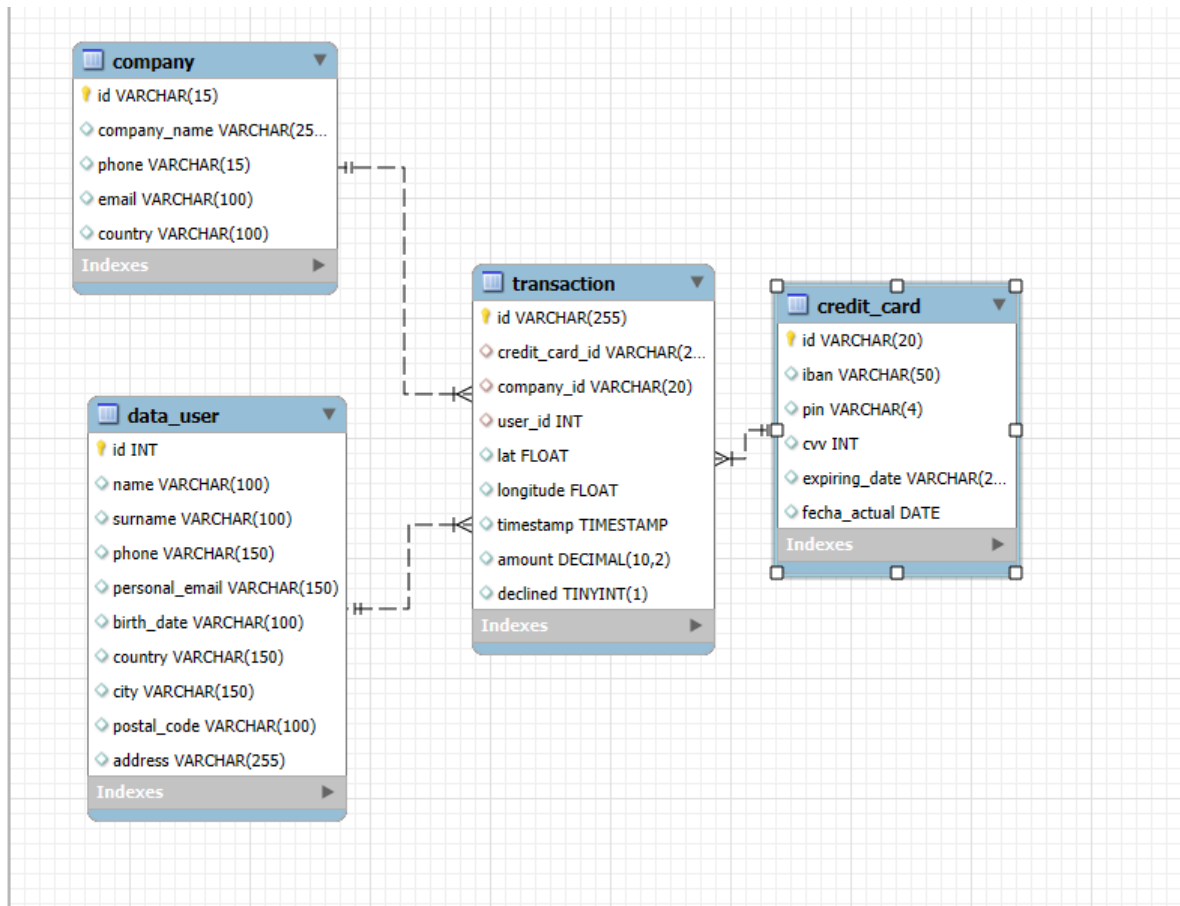
#	Time	Action	Message	Duration / Fetch
110157	11:53:37	ALTER TABLE credit_card ADD COLUMN fecha_actual DATE	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.032 sec
110158	11:53:37	UPDATE credit_card SET fecha_actual = CURRENT_DATE WHERE fecha_actual IS NULL	5001 row(s) affected Rows matched: 5001 Changed: 5001 Warnings: 0	0.156 sec
110159	11:53:37	ALTER TABLE credit_card CHANGE iban iban VARCHAR(50)	5001 row(s) affected Records: 5001 Duplicates: 0 Warnings: 0	0.125 sec
110160	11:53:37	ALTER TABLE credit_card CHANGE pin pin VARCHAR(4)	5001 row(s) affected Records: 5001 Duplicates: 0 Warnings: 0	0.141 sec
110161	11:53:37	ALTER TABLE credit_card CHANGE expiring_date expiring_date VARCHAR(20)	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.000 sec
110162	11:53:38	ALTER TABLE company DROP website	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.031 sec
110163	11:53:38	ALTER TABLE data_user CHANGE email personal_email VARCHAR(150)	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.015 sec

```
132
133 • DROP VIEW VistaMarketing;
134 -- Ejercicio 2--
135
136
137
138 • CREATE VIEW InformeTecnico AS
139 SELECT t.id,d.name,d.surname,c.iban,c2.company_name
140 FROM transaction t
141 JOIN data_user d
142 ON t.user_id = d.id
143 JOIN credit_card c
144 ON t.credit_card_id = c.id
145 JOIN company c2
```

Output

#	Time	Action	Message
110158	11:53:37	UPDATE credit_card SET fecha_actual = CURRENT_DATE WHERE fecha_actual IS NULL	5001 row(s) affected Rows matched: 5001 Changed: 5001 Warnings: 0
110159	11:53:37	ALTER TABLE credit_card CHANGE iban iban VARCHAR(50)	5001 row(s) affected Records: 5001 Duplicates: 0 Warnings: 0
110160	11:53:37	ALTER TABLE credit_card CHANGE pin pin VARCHAR(4)	5001 row(s) affected Records: 5001 Duplicates: 0 Warnings: 0
110161	11:53:37	ALTER TABLE credit_card CHANGE expiring_date expiring_date VARCHAR(20)	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
110162	11:53:38	ALTER TABLE company DROP website	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
110163	11:53:38	ALTER TABLE data_user CHANGE email personal_email VARCHAR(150)	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
110164	11:54:40	DROP VIEW VistaMarketing	0 row(s) affected





Exercici 2

137

•

CREATE VIEW InformeTecnico AS

139

SELECT t.id,d.name,d.surname,c.iban,c2.company\_name

140

FROM transaction t

141

JOIN data\_user d

142

ON t.user\_id = d.id

143

JOIN credit\_card c

144

ON t.credit\_card\_id = c.id

145

JOIN company c2

146

ON t.company\_id = c2.id

147

GROUP BY t.id

148

;

149

150

151

152

•

SELECT \*

153

FROM InformeTecnico;

154

155

156

157

158

159

160

161

162

163

164

165

166

Output

•

Action Output

#

Time

Action

Message

110159

11:53:37

ALTER TABLE credit\_card CHANGE iban iban VARCHAR(50)

5001 row(s) affected Records: 5001 Duplicates: 0 Warnings: 0

110160

11:53:37

ALTER TABLE credit\_card CHANGE pin pin VARCHAR(4)

5001 row(s) affected Records: 5001 Duplicates: 0 Warnings: 0

110161

11:53:37

ALTER TABLE credit\_card CHANGE expiring\_date expiring\_date VARCHAR(20)

0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0

110162

11:53:38

ALTER TABLE company DROP website

0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0

110163

11:53:38

ALTER TABLE data\_user CHANGE email personal\_email VARCHAR(150)

0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0

110164

11:54:40

DROP VIEW VataMarketing

0 row(s) affected

110165

11:59:51

CREATE VIEW InformeTecnico AS SELECT t.id,d.name,d.surname,c.iban,c2.company\_name FROM transaction t JOIN data\_user d ON t.user\_id = d.id JOIN credit\_card c ...

0 row(s) affected

151

152

•

SELECT \*

153

FROM InformeTecnico;

154

155

156

157

158

159

160

161

162

163

164

165

166

Output

•

Action Output

#

Time

Action

Message

110160

11:53:37

ALTER TABLE credit\_card CHANGE pin pin VARCHAR(4)

5001 row(s) affected Records: 5001 Duplicates: 0 Warnings: 0

110161

11:53:37

ALTER TABLE credit\_card CHANGE expiring\_date expiring\_date VARCHAR(20)

0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0

110162

11:53:38

ALTER TABLE company DROP website

0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0

110163

11:53:38

ALTER TABLE data\_user CHANGE email personal\_email VARCHAR(150)

0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0

110164

11:54:40

DROP VIEW VataMarketing

0 row(s) affected

110165

11:59:51

CREATE VIEW InformeTecnico AS SELECT t.id,d.name,d.surname,c.iban,c2.company\_name FROM transaction t JOIN data\_user d ON t.user\_id = d.id JOIN credit\_card c ...

0 row(s) affected

110166

12:00:23

SELECT \* FROM InformeTecnico LIMIT 0, 50000

50000 row(s) returned

Result Grid

Filter Rows:

Exports

Wrap Cell Contents

Fetch rows:

id	name	surname	iban	company_name
26904E68-80E1-41DF-9ECB-3A401C08767E	Erxbtmt	Onzfc	XX4857591835292505850771	Non Ante LLP
2C537AD9-080E-402A-A79F-7D155138F47C	Erxbtmt	Onzfc	XX4857591835292505850771	Eget Trndunt Dui Institute
2C8331E2-AB1C-4565-9A87-8C93996A8AC	Erxbtmt	Onzfc	XX4857591835292505850771	Amet Lorem LLP
3D2F0C55-A8FB-40A5-8B2C-F5E8369F641D	Erxbtmt	Onzfc	XX4857591835292505850771	Amet Nulla Donec Corporation
40A80B56-34B4-40A5-8F5B-8CDE5660047D	Erxbtmt	Onzfc	XX4857591835292505850771	Auctor Mauris Corp.
54807074-28E4-4CA5-901E-A6816D1E2540	Erxbtmt	Onzfc	XX4857591835292505850771	Nulla Integer Vulputate Corp.
621CB906-7896-401D-8D38-3F8D06470B72	Erxbtmt	Onzfc	XX4857591835292505850771	At Pede Corp.
66E556F4-9B3F-4C64-A4E2-237E89269A33	Erxbtmt	Onzfc	XX4857591835292505850771	Aliquam Erat Volutpat LLP
6EE02B25-00A0-4880-A606-3E2C7D3364D1	Erxbtmt	Onzfc	XX4857591835292505850771	Tristique Neque Venenatis In...
856E9267-F16B-46E1-AA96-908B516E2F0B	Erxbtmt	Onzfc	XX4857591835292505850771	Auctor Mauris Corp.
A7880700-FFDF-454d-8B1C-8B7FA56FA7FC	Erxbtmt	Onzfc	XX4857591835292505850771	Auctor Mauris Corp.

InformeTecnico 12