

UNIVERSIDAD NACIONAL AUTÓNOMA
DE MÉXICO

FUNDAMENTOS DE BASES DE DATOS

Tarea 6:
Lenguaje de consulta SQL

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```
-- PEMEX.
SELECT nombre, e.ciudad
FROM (Empleado e JOIN Trabajar t ON t.CURP = e.CURP) JOIN
      Empresa em ON t.RFC = em.RFC
WHERE em.razonSocial = 'PEMEX'.
```

110 % • 4

	nombre	ciudad
1	Moe	Berkeley City
2	Kip	Andorra la Vella
3	Jade	Constantine
4	Englebert	Escobar
5	Rennie	Gibson
6	Sophie	Ech-Chlef (el-Aouan)
7	Elle	Skikda
8	Raquela	Almirante Brown
9	Jackson	Tibesca
10	Malachi	South Hill
11	Yetie	Ezeiza
12	Audrey	Almeria
13	Tasha	Bahía Blanca
14	Lani	Oran
15	Cyrus	Heracl
16	Eudora	South Hill
17	Syman	Huamb
18	Mayebeth	Kale
19	Levi	La Plata
20	Orfeo	Saint John's
21	Diego	Taluna
22	Miner	Hurlingham
23	Heet	Avellaneda
24	Marev	Oncativo
25	Amber	Ghandaier
26	Parmell	Bahía Blanca
27	Kenton	Avellaneda
28	Delainey	Bahía Blanca
29	Kale	La Plata
30	Laina	Oran

Figura 1: A 1

Instrucciones de uso

Consultas del inciso 4.

Sub-inciso A

Sub-inciso B

Sub-inciso C

Sub-inciso D

Sub-inciso E

Sub-inciso F

Sub-inciso G

Sub-inciso H

Sub-inciso I

Ejercicio no resuelto

```
SELECT nombre, e.ciudad
  FROM (Empleado e JOIN Trabajar t ON t.CURP = e.CURP) JOIN
        Empresa em ON t.RFC = em.RFC
 WHERE em.razonSocial = 'PEMEX';
```

110 %

Results Messages

	nombre	ciudad
144	Isacco	Annaba
145	Renaud	Saint John's
146	Clyde	Tafuna
147	Elvyn	Sidi Bel Abbès
148	Sonni	Andorra la Vella
149	Simmo...	Oran
150	Pattie	Hurlingham
151	Lenard	Tiaret
152	Amalita	Lobito
153	Elsinore	Qandahar
154	Paule	Béjaïa
155	Sol	Batna
156	Shanon	General San Martín
157	Normand	Florencio Varela
158	Dian	Tafuna
159	Edith	Lobito
160	Devi	Tlemcen (Tilimsen)
161	Bryn	Blida (el-Boulaïda)
162	Siana	Béjaïa
163	Virgie	Saint John's
164	Corbie	Namibe
165	Tim	Bahía Blanca
166	Emmey	Mostaganem
167	Jacquette	Lobito
168	Deni	Luanda
169	Abbye	Béchar
170	Tildi	Huambo
171	Maye	Tafuna
172	Florie	La Plata
173	Raychel	Sétif

Figura 2: A 2

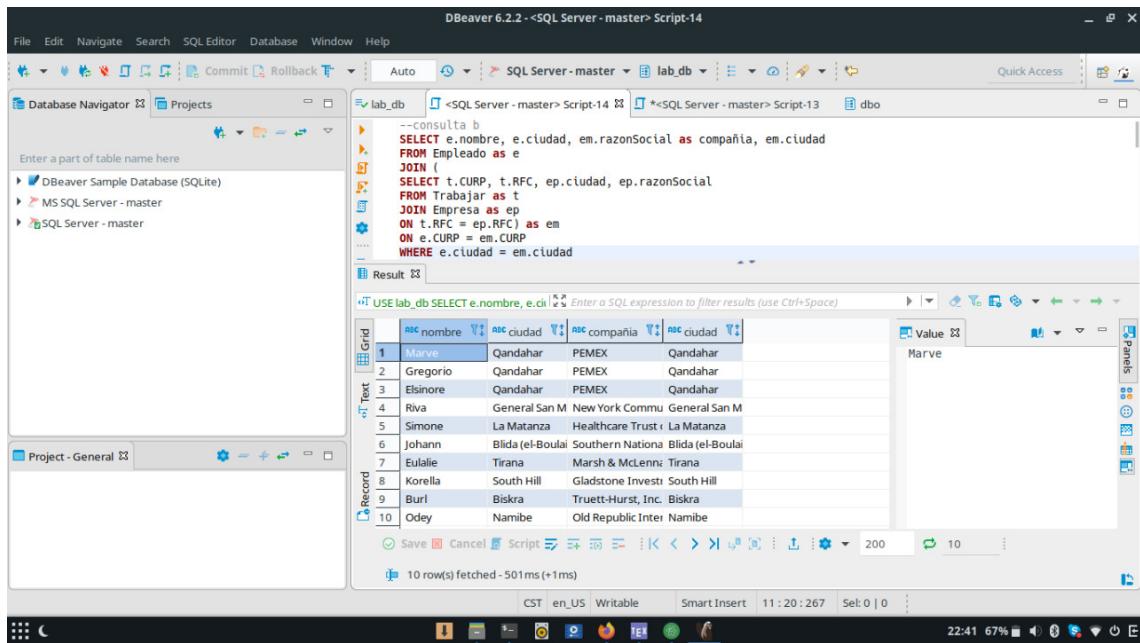


Figura 3: B

The screenshot shows a SQL Server Management Studio (SSMS) window with the following details:

- Query Editor:** Contains a multi-line T-SQL query selecting various columns from Empleado, Dirigir, and Trabajar tables.
- Results Grid:** Displays the output of the query, showing 34 rows of data with columns: nombre, apellidoPaterno, apellidoMaterno, and salarioQuincenal.
- Status Bar:** Shows the percentage completion (110%), the number of rows (34), and the execution time (1 ms).

Figura 4: C 1

--C

```
SELECT nombre , apellidoPaterno, apellidoMaterno ,salarioQuincenal
FROM Empleado E JOIN Dirigir D on E.CURP = D.CURP JOIN Trabajar T on T.CURP = E.CURP
```

110 %

Results Messages

	nombre	apellidoPaterno	apellidoMaterno	salarioQuincenal
34	Vallin	Beniti	De Roeck	39685
35	Brett	Bennit	Fallis	26705
36	Kaylyn	Beecheno	Ferrulli	29132
37	Myrtia	Berriman	Havick	34269
38	Paddy	Beric	Ixor	23513
39	Valida	Benes	Kaley	31279
40	Kendrick	Beert	Leavy	43221
41	Wilt	Bescoby	McNalley	26510
42	Homere	Becks	Pinxton	31865
43	Sybila	Berge	Wagge	33810
44	Joell	Biaggi	Risen	34441
45	Ruthe	Bletsoe	Scrutton	31991
46	Giuseppe	Boulter	Durante	39157
47	Leyla	Boncoeur	Grettham	30637
48	Aubry	Borsnall	Halburton	20722
49	Cherida	Boeeln	Lorimer	39554
50	Georgina	Boorn	Last	39425
51	Lisabeth	Bourley	MacCumiskey	30215
52	Oberon	Bohler	Sherburn	43166
53	Powell	Brimm	Bothams	29117
54	Hank	Brocklehurst	Drury	34640
55	Bettean...	Bruhke	Hawson	35333
56	Noble	Braz	Kipling	28646
57	Waylan	Bresland	Klempe	32185
58	Ivie	Brick	Lifsey	38132
59	Tamqrah	Britten	Labbez	44464
60	Elianore	Brookes	Pittwood	33076
61	Lonee	Brader	Romaao	35911
62	Eugenio	Brazil	Searles	40780
63	Kassia	Bronot	Yoddall	33070
64	Turner	Brignell	Yakobowitch	24709
65	Jimmie	Buse	Barrick	21051
66	Mywynn	Burnapp	Coultar	23931
67	Juli	Budgey	Ide	25949

Figura 5: C 2

--C

```
SELECT nombre , apellidoPaterno, apellidoMaterno ,salarioQuincenal
FROM Empleado E JOIN Dirigir D on E.CURP = D.CURP JOIN Trabajar T on T.CURP = E.CURP
```

110 %

Results Messages

	nombre	apellidoPaterno	apellidoMaterno	salarioQuincenal
67	Juli	Budgey	Ide	25949
68	Bilie	Bulbrook	Kellegher	33526
69	Esteban	Bush	Perett	40506
70	Janis	Butten	Waleworke	40393
71	Kenton	Byers	Bouzek	41216
72	Rolland	Bygreaus	Michelotti	23239
73	Kathryne	Castelyn	Alyoshin	29396
74	Dov	Cathesved	Beaman	26679
75	Eithelyn	Castillon	Mayhou	22405
76	Ilene	Capper	Pickover	25173
77	Cam	Cabel	Zannotti	38315
78	Isahella	Christaeas	Boysen	25796
79	Greg	Challenor	Furzer	39892
80	Allene	Chedzor	Glaw sop	22619
81	Emmit	Checzuzzi	Hudsphit	33424
82	Anstice	Chrippes	Isbell	37973
83	Bondon	Cheake	Jansens	43484
84	Pauleta	Challenger	Janecek	32202
85	Adria	Challiner	Labon	43486
86	Nicoline	Chasemore	Lewington	42823
87	Kristoforo	Chuter	Pilsworth	29647
88	Noel	Chill	Spong	21959
89	Sandor	Clampett	McGowan	21563
90	Toby	Cleal	MacCaughen	41179
91	Orelee	Colten	Cargenven	39138
92	Richmo...	Coleridge	Embra	27379
93	Batholo...	Constant	Forsyde	24984
94	Ced	Cowitz	O'Hollegan	33647
95	Emilie	Colebourn	Prall	37535
96	Feodor	Comier	Plessing	44960
97	Mora	Constantine	Portwaine	39499
98	Matilda	Coomes	Presnail	37079
99	Lane	Corter	Tibbs	34123
100	Melesa	Costar	Willatt	33439

Figura 6: C 3

--C

```
SELECT nombre , apellidoPaterno, apellidoMaterno ,salarioQuincenal
FROM Empleado E JOIN Dirigir D on E.CURP = D.CURP JOIN Trabajar T on T.CURP = E.CURP
```

110 %

Results Messages

	nombre	apellidoPaterno	apellidoMaterno	salarioQuincenal
100	Melesa	Costar	Willatt	33439
101	Bealle	Croley	Braybrooke	36075
102	Rudd	Critch	Heymes	27895
103	Sara	Croser	Hotchkin	20167
104	Midge	Cranch	Lieb	37087
105	Oliver	Croall	Tesmond	33582
106	Alonso	Cuppitt	Chaplin	28451
107	Jacquelyn	Cunnah	Cast	30463
108	Kyle	Cutchee	Kearsley	44306
109	Arlie	Cusworth	Noulton	25833
110	Giffer	Dablin	Caddie	31910
111	Rita	Dawby	Ladbrook	22784
112	Kelsi	Daens	Reihm	21171
113	Feodora	Dawdary	Verchambre	36597
114	Daisi	Dewane	Baume	39540
115	Cathrin	Dell'Abbate	Copestake	22369
116	Romeo	Dell'Abbate	Powles	27231
117	Trudey	De Miti	Paulusch	24285
118	Waldo	Deeves	Robardey	31046
119	Alex	Derrick	Scarlion	20398
120	Barnabas	De Hooge	Seckom	30403
121	Jamesy	Dillway	Brugger	20673
122	Gregorio	Dixcee	McFie	40549
123	Rosie	Dimitresco	Pullman	23295
124	Blake	Dole	Gooly	39495
125	Sissy	Domenicone	McWhan	22274
126	Bambie	Downham	Skures	31376
127	Luciano	Donaldson	Titford	26554
128	Munmro	Doughty	Yter	20745
129	Philbert	Drinkall	Cossentine	39775
130	Ardelle	Drain	Kift	22049
131	Binni	Druhan	Treppas	30742
132	Chic	Drinkall	Woolfall	24841
133	Vivyan	Dubs	Davet	34105
134	Rafaellie	Duberry	Fidgin	20153
135	Lanae	Ducker	Vivash	25390
136	Gillian	Dyster	Mitchenson	39751
137	Enid	Ealles	Gifford	21037
138	Jamaal	Eastmead	January	28652
139	Nichole	Ebbotts	Ruben	32122
140	Trescha	Eddis	Goeff	39155
141	Mariam	Edwicke	Jedryka	36360
142	Jorie	Ellery	Rippingall	26553
143	Shaine	Elwel	Reely	24270
144	Isacco	Endean	Busch	31888
145	Renaud	Endrizzi	Mustill	43163
146	Clyde	Eskriett	Johnes	29947
147	Elyn	Evison	Cannan	43088
148	Sonni	Everton	Krzysztof	23128
149	Simmo...	Extall	Brasher	43147
150	Pattie	Eykelhof	Geertsen	24709

Figura 7: C 4

--C

```
SELECT nombre , apellidoPaterno, apellidoMaterno ,salarioQuincenal
FROM Empleado E JOIN Dirigir D on E.CURP = D.CURP JOIN Trabajar T on T.CURP = E.CURP
```

110 %

Results Messages

	nombre	apellidoPaterno	apellidoMaterno	salarioQuincenal
118	Waldo	Deeves	Robardey	31046
119	Alex	Derrick	Scarlion	20398
120	Barnabas	De Hooge	Seckom	30403
121	Jamesy	Dillway	Brugger	20673
122	Gregorio	Dixcee	McFie	40549
123	Rosie	Dimitresco	Pullman	23295
124	Blake	Dole	Gooly	39495
125	Sissy	Domenicone	McWhan	22274
126	Bambie	Downham	Skures	31376
127	Luciano	Donaldson	Titford	26554
128	Munmro	Doughty	Yter	20745
129	Philbert	Drinkall	Cossentine	39775
130	Ardelle	Drain	Kift	22049
131	Binni	Druhan	Treppas	30742
132	Chic	Drinkall	Woolfall	24841
133	Vivyan	Dubs	Davet	34105
134	Rafaellie	Duberry	Fidgin	20153
135	Lanae	Ducker	Vivash	25390
136	Gillian	Dyster	Mitchenson	39751
137	Enid	Ealles	Gifford	21037
138	Jamaal	Eastmead	January	28652
139	Nichole	Ebbotts	Ruben	32122
140	Trescha	Eddis	Goeff	39155
141	Mariam	Edwicke	Jedryka	36360
142	Jorie	Ellery	Rippingall	26553
143	Shaine	Elwel	Reely	24270
144	Isacco	Endean	Busch	31888
145	Renaud	Endrizzi	Mustill	43163
146	Clyde	Eskriett	Johnes	29947
147	Elyn	Evison	Cannan	43088
148	Sonni	Everton	Krzysztof	23128
149	Simmo...	Extall	Brasher	43147
150	Pattie	Eykelhof	Geertsen	24709

Figura 8: C 5

```

SELECT E.CURP, E.nombre, E.apellidoPaterno, E.apellidoMaterno, E.genero,
       E.nacimiento, E.calle, E.num, E.ciudad, E.CP, D.fechaInicio
  FROM (Empleado E INNER JOIN Dirigir D ON E.CURP = D.CURP) INNER JOIN
        Empresa Em ON D.RFC = Em.RFC
 WHERE DATEPART(yyyy, D.fechaInicio) = 2018 AND
       (DATEPART(qq, D.fechaInicio) = 2 OR DATEPART(qq, D.fechaInicio) = 4);

```

The screenshot shows a SQL query in the query editor and its results in the results grid. The results grid has columns: CURP, nombre, apellidoPaterno, apellidoMaterno, genero, nacimiento, calle, num, ciudad, CP, fechainicio. The data includes records for employees like Kenton Battin, Heather Benes, etc., with various details such as birthdate and address.

Figura 9: D

```

SELECT e.CURP, e.nombre, e.apellidoPaterno, e.apellidoMaterno
  FROM Empleado e INNER JOIN Supervisar s ON e.CURP = s.CURPSupervisado
    INNER JOIN Empleado es ON s.CURPSupervisor = es.CURP
 WHERE (e.CURP != es.CURP) AND (e.ciudad = es.ciudad) AND (e.calle) = es.calle;

```

The screenshot shows a query in the query editor and its results in the results grid. The results grid has columns: CURP, nombre, apellidoPaterno, apellidoMaterno. There is one record for Juan Perez Medina.

Figura 10: E

DBeaver 6.2.2 - <SQL Server - master> Script-14

The screenshot shows a DBeaver interface with a query editor containing a complex query involving multiple joins and groupings, and a results grid displaying the output of the query. The results grid has columns: razonSocial, salarioPromedio, Año, genero. The data shows various companies and their average salaries by year and gender.

razonSocial	salarioPromedio	Año	genero
Access National Corporation	36,207	2001	M
AllianzGI NFJ Dividend, Interest & Premium Stra	27,244	2008	F
AllianzGI NFJ Dividend, Interest & Premium Stra	23,504	2015	M
AllianzGI NFJ Dividend, Interest & Premium Stra	35,311	2016	F
AllianzGI NFJ Dividend, Interest & Premium Stra	20,119	2016	M
AllianzGI NFJ Dividend, Interest & Premium Stra	42,462	2017	F
AllianzGI NFJ Dividend, Interest & Premium Stra	41,095	2018	M
Altimmune, Inc.	30,522	2003	F
Altimmune, Inc.	20,520	2010	M
Altimmune, Inc.	30,062	2011	M
Altimmune, Inc.	25,327	2016	M

Figura 11: F 1

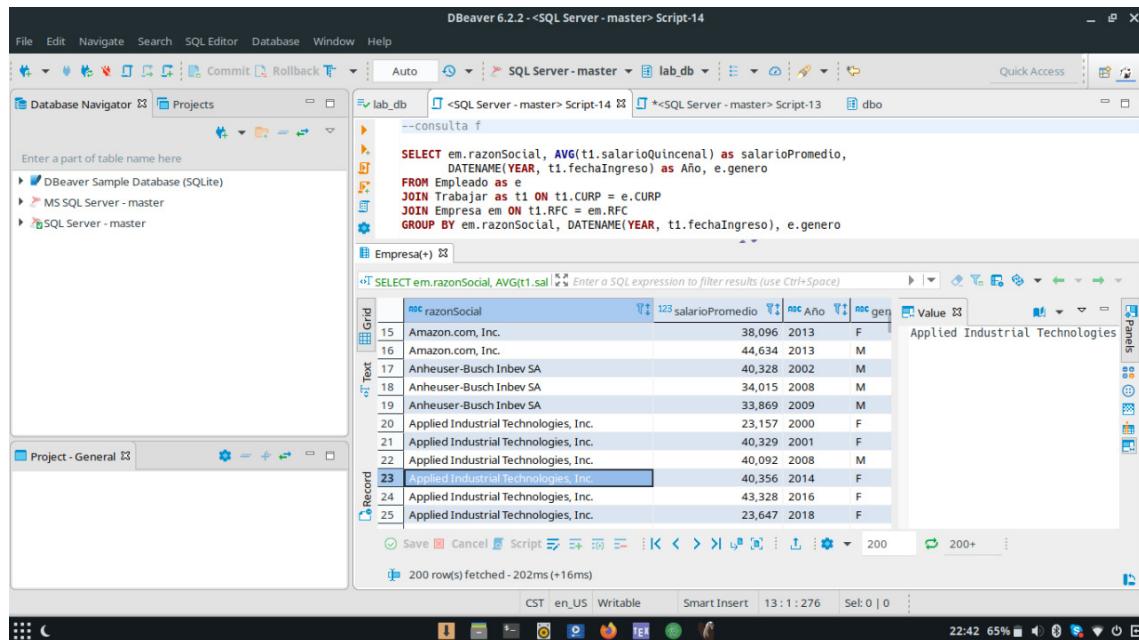


Figura 12: F 2

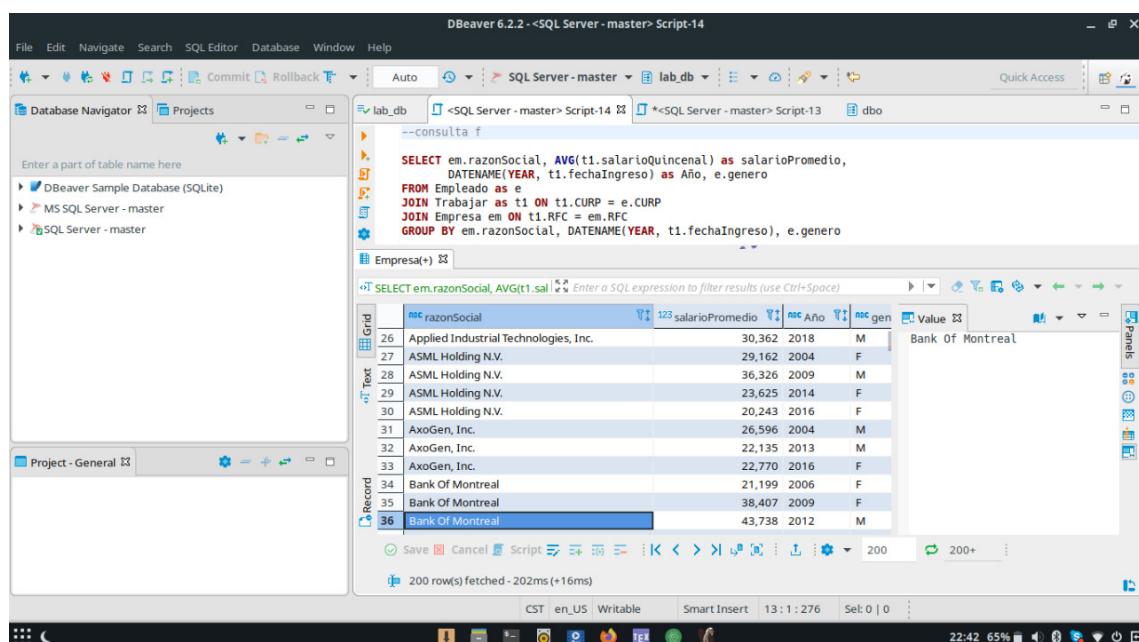


Figura 13: F 3

DBeaver 6.2.2 - <SQL Server - master> Script-14

```

File Edit Navigate Search SQL Editor Database Window Help
Database Navigator Projects
Enter a part of table name here
DBeaver Sample Database (SQLite)
MS SQL Server - master
SQL Server - master

lab_db <SQL Server - master> Script-14 *<SQL Server - master> Script-13 dbo
--consulta f
SELECT em.razonSocial, AVG(t1.salarioQuincenal) as salarioPromedio,
DATENAME(YEAR, t1.fechaIngreso) as Año, e.genero
FROM Empleado as e
JOIN Trabajar as t1 ON t1.CURP = e.CURP
JOIN Empresa em ON t1.RFC = em.RFC
GROUP BY em.razonSocial, DATENAME(YEAR, t1.fechaIngreso), e.genero

Empres(+)

SELECT em.razonSocial, AVG(t1.salarioQuincenal) as salarioPromedio, DATENAME(YEAR, t1.fechaIngreso) as Año, e.genero
FROM Empleado as e
JOIN Trabajar as t1 ON t1.CURP = e.CURP
JOIN Empresa em ON t1.RFC = em.RFC
GROUP BY em.razonSocial, DATENAME(YEAR, t1.fechaIngreso), e.genero

Grid
raza razoSocial 123 salarioPromedio 123 Año 123 gen Value
37 Bank of N.T. Butterfield & Son Limited (The) 21,281 2010 M BSQUARE Corporation
38 Berkshire Hills Bancorp, Inc. 24,563 2003 M
39 Berkshire Hills Bancorp, Inc. 23,588 2006 F
40 Berkshire Hills Bancorp, Inc. 42,054 2012 M
41 BJ's Restaurants, Inc. 36,967 2010 F
42 BJ's Restaurants, Inc. 23,332 2013 M
43 BJ's Restaurants, Inc. 36,843 2015 M
44 BSQUARE Corporation 33,276 2008 M
45 BSQUARE Corporation 32,468 2009 F
46 BSQUARE Corporation 38,967 2010 F
47 BSQUARE Corporation 33,796 2013 F

Record
Project - General
Save Cancel Script 200+ 200 rows fetched - 202ms (+16ms)
CST en_US Writable Smart Insert 13:1:276 Sel: 0 | 0
22:42 65% 200+

```

Figura 14: F 4

DBeaver 6.2.2 - <SQL Server - master> Script-14

```

File Edit Navigate Search SQL Editor Database Window Help
Database Navigator Projects
Enter a part of table name here
DBeaver Sample Database (SQLite)
MS SQL Server - master
SQL Server - master

lab_db <SQL Server - master> Script-14 *<SQL Server - master> Script-13 dbo
--consulta f
SELECT em.razonSocial, AVG(t1.salarioQuincenal) as salarioPromedio,
DATENAME(YEAR, t1.fechaIngreso) as Año, e.genero
FROM Empleado as e
JOIN Trabajar as t1 ON t1.CURP = e.CURP
JOIN Empresa em ON t1.RFC = em.RFC
GROUP BY em.razonSocial, DATENAME(YEAR, t1.fechaIngreso), e.genero

Empres(+)

SELECT em.razonSocial, AVG(t1.salarioQuincenal) as salarioPromedio, DATENAME(YEAR, t1.fechaIngreso) as Año, e.genero
FROM Empleado as e
JOIN Trabajar as t1 ON t1.CURP = e.CURP
JOIN Empresa em ON t1.RFC = em.RFC
GROUP BY em.razonSocial, DATENAME(YEAR, t1.fechaIngreso), e.genero

Grid
raza razoSocial 123 salarioPromedio 123 Año 123 gen Value
48 BSQUARE Corporation 43,600 2018 F Cohen & Steers Limited Duration
49 CABCO Series 2004-101 Trust 38,433 2004 M
50 CABCO Series 2004-101 Trust 31,827 2005 M
51 CABCO Series 2004-101 Trust 44,482 2007 F
52 Carrizo Oil & Gas, Inc. 31,056 2006 M
53 Carrizo Oil & Gas, Inc. 26,789 2008 M
54 Carrizo Oil & Gas, Inc. 30,645 2015 M
55 Celadon Group, Inc. 30,640 2009 M
56 Celadon Group, Inc. 26,029 2014 F
57 Cohen & Steers Limited Duration Preferred and 20,137 2004 F
58 Cohen & Steers Limited Duration Preferred and 25,510 2008 M

Record
Project - General
Save Cancel Script 200+ 200 rows fetched - 202ms (+16ms)
CST en_US Writable Smart Insert 13:1:276 Sel: 0 | 0
22:42 65% 200+

```

Figura 15: F 5

DBeaver 6.2.2 - <SQL Server - master> Script-14

```

File Edit Navigate Search SQL Editor Database Window Help
Database Navigator Projects
Enter a part of table name here
DBeaver Sample Database (SQLite)
MS SQL Server - master
SQL Server - master

Auto SQL Server - master lab_db dbo
--consulta f
SELECT em.razonSocial, AVG(t1.salarioQuincenal) as salarioPromedio,
DATENAME(YEAR, t1.fechaIngreso) as Año, e.genero
FROM Empleado as e
JOIN Trabajar as t1 ON t1.CURP = e.CURP
JOIN Empresa em ON t1.RFC = em.RFC
GROUP BY em.razonSocial, DATENAME(YEAR, t1.fechaIngreso), e.genero

```

Empresas(+) Enter a SQL expression to filter results (use Ctrl+Space)

razonSocial	salarioPromedio	Año	gen	Value
Cohen & Steers Limited Duration Preferred and	24,752	2009	F	DTE Energy Company
Cohen & Steers Limited Duration Preferred and	39,879	2010	F	
Cohen & Steers Limited Duration Preferred and	40,470	2017	F	
CVR Refining, LP	22,342	2018	F	
Diffusion Pharmaceuticals Inc.	21,091	2004	F	
Diffusion Pharmaceuticals Inc.	43,035	2007	M	
Diffusion Pharmaceuticals Inc.	31,099	2008	M	
DTE Energy Company	43,962	2001	M	
DTE Energy Company	35,421	2005	M	
DTE Energy Company	24,660	2008	F	
DTE Energy Company	21,738	2009	F	

Grid Text Record

Save Cancel Script 200 rows fetched - 202ms (+16ms)

CST en_US Writable Smart Insert 13:1:276 Sel: 0 | 0

22:42 65%

Figura 16: F 6

DBeaver 6.2.2 - <SQL Server - master> Script-14

```

File Edit Navigate Search SQL Editor Database Window Help
Database Navigator Projects
Enter a part of table name here
DBeaver Sample Database (SQLite)
MS SQL Server - master
SQL Server - master

Auto SQL Server - master lab_db dbo
--consulta f
SELECT em.razonSocial, AVG(t1.salarioQuincenal) as salarioPromedio,
DATENAME(YEAR, t1.fechaIngreso) as Año, e.genero
FROM Empleado as e
JOIN Trabajar as t1 ON t1.CURP = e.CURP
JOIN Empresa em ON t1.RFC = em.RFC
GROUP BY em.razonSocial, DATENAME(YEAR, t1.fechaIngreso), e.genero

```

Empresas(+) Enter a SQL expression to filter results (use Ctrl+Space)

razonSocial	salarioPromedio	Año	gen	Value
DTE Energy Company	37,962	2017	M	
Easterly Government Properties, Inc.	25,186	2003	F	
Easterly Government Properties, Inc.	42,123	2007	F	
Easterly Government Properties, Inc.	40,530	2008	F	
Easterly Government Properties, Inc.	41,480	2009	M	
Easterly Government Properties, Inc.	30,358	2010	F	
Easterly Government Properties, Inc.	22,367	2017	F	
Eaton Vance Tax-Managed Buy-Write Income Fu	20,426	2013	M	
Eaton Vance Tax-Managed Buy-Write Income Fu	26,188	2014	F	
Eaton Vance Tax-Managed Buy-Write Income Fu	26,291	2016	M	
Enduro Royalty Trust	42,121	2001	F	

Grid Text Record

Save Cancel Script 200 rows fetched - 202ms (+16ms)

CST en_US Writable Smart Insert 13:1:276 Sel: 0 | 0

22:42 65%

Figura 17: F 7

DBeaver 6.2.2 - <SQL Server - master> Script-14

```

File Edit Navigate Search SQL Editor Database Window Help
Database Navigator Projects
Enter a part of table name here
DBeaver Sample Database (SQLite)
MS SQL Server - master
SQL Server - master

Auto SQL Server - master lab_db dbo
--consulta f
SELECT em.razonSocial, AVG(t1.salarioQuincenal) as salarioPromedio,
DATENAME(YEAR, t1.fechaIngreso) as Año, e.genero
FROM Empleado as e
JOIN Trabajar as t1 ON t1.CURP = e.CURP
JOIN Empresa em ON t1.RFC = em.RFC
GROUP BY em.razonSocial, DATENAME(YEAR, t1.fechaIngreso), e.genero

```

Empresa(*)

razaSocial	salarioPromedio	Año	gen	Value
80 Enduro Royalty Trust	42,121	2001	F	First Horizon National Corporat
81 Enduro Royalty Trust	34,418	2004	M	
82 Entergy Louisiana, Inc.	28,522	2003	F	
83 Entergy Louisiana, Inc.	42,970	2013	M	
84 Entergy Louisiana, Inc.	39,249	2015	M	
85 EPAM Systems, Inc.	24,997	2003	F	
86 EPAM Systems, Inc.	35,732	2005	M	
87 EPAM Systems, Inc.	28,987	2009	F	
88 EPAM Systems, Inc.	41,033	2015	F	
89 EPAM Systems, Inc.	40,330	2016	F	
90 First Horizon National Corporation	23,043	2001	F	

200 rows fetched - 202ms (+16ms)

Figura 18: F 8

DBeaver 6.2.2 - <SQL Server - master> Script-14

```

File Edit Navigate Search SQL Editor Database Window Help
Database Navigator Projects
Enter a part of table name here
DBeaver Sample Database (SQLite)
MS SQL Server - master
SQL Server - master

Auto SQL Server - master lab_db dbo
--consulta f
SELECT em.razonSocial, AVG(t1.salarioQuincenal) as salarioPromedio,
DATENAME(YEAR, t1.fechaIngreso) as Año, e.genero
FROM Empleado as e
JOIN Trabajar as t1 ON t1.CURP = e.CURP
JOIN Empresa em ON t1.RFC = em.RFC
GROUP BY em.razonSocial, DATENAME(YEAR, t1.fechaIngreso), e.genero

```

Empresa(*)

razaSocial	salarioPromedio	Año	gen	Value
91 First Horizon National Corporation	26,900	2005	M	First Trust Strategic High Inco
92 First Horizon National Corporation	24,139	2008	M	
93 First Horizon National Corporation	36,726	2014	F	
94 First Trust Low Beta Income ETF	29,768	2002	M	
95 First Trust Low Beta Income ETF	21,617	2009	M	
96 First Trust Low Beta Income ETF	33,290	2012	F	
97 First Trust Strategic High Income Fund II	43,790	2003	F	
98 First Trust Strategic High Income Fund II	22,557	2005	F	
99 First Trust Strategic High Income Fund II	25,400	2007	M	
100 First Trust Strategic High Income Fund II	40,133	2010	M	
101 First Trust Strategic High Income Fund II	30,755	2014	F	

200 rows fetched - 202ms (+16ms)

Figura 19: F 9

--G

```
--G
SELECT nombre , apellidoPaterno , apellidoMaterno
FROM Empleado E JOIN Colaborar C on E.CURP = C.CURP JOIN Proyecto P on C.numProyecto = P.numProyecto JOIN Empresa Em on P.RFCEmpresa
= Em.RFC JOIN Trabajar T on Em.RFC != T.RFC AND E.CURP = T.CURP
```

110 %

Results Messages

	nombre	apellidoPaterno	apellidoMaterno
1	Mos	Abramowitch	Linck
2	Kip	Admans	Le Provost
3	Jade	Aim	Croose
4	Englebert	Akister	Gridley
5	Rennie	Allflatt	Denington
6	Susette	Albin	Kewzick
7	Raquela	Aly	Potteridge
8	Jackson	Alben	Roskam
9	Malachi	Alcide	Ricarde
10	Yetie	Altropo	Rough
11	Hannah	Altbrooke	Smithin
12	Tasha	Aleveque	Wooldridge
13	Lani	Amort	Bollin
14	Cyrus	Antonovic	Antonio
15	Eudora	Andrej	Crank
16	Syman	Arnell	Glendinning
17	Marybeth	Arundell	Thebe
18	Gail	Ashfull	Bremen
19	Onfroi	Astman	Lumox
20	Diego	Aspinwall	Romagnosi
21	Miner	Augustin	Hamflett
22	Hetti	Balchin	Allflat
23	Marve	Ballister	Abbott
24	Auroon	Baggalley	Blasdale
25	Parmell	Baden	Callar
26	Delainey	Barkworth	Kardos
27	Kale	Barnfield	Lathée
28	Laina	Balog	Lambotin
29	Leora	Balderton	Libberos
30	Lynna	Ballance	Sewter
31	Broderic	Begg	Draijer
32	Valie	Beniti	De Roeck
33	Rnett	Rennit	Fallin

Figura 20: G 1

--G

```
--G
SELECT nombre , apellidoPaterno , apellidoMaterno
FROM Empleado E JOIN Colaborar C on E.CURP = C.CURP JOIN Proyecto P on C.numProyecto = P.numProyecto JOIN Empresa Em on P.RFCEmpresa
= Em.RFC JOIN Trabajar T on Em.RFC != T.RFC AND E.CURP = T.CURP
```

110 %

Results Messages

	nombre	apellidoPaterno	apellidoMaterno
99	Rudd	Critch	Heymes
100	Sara	Crosier	Hotchkiss
101	Midge	Cranch	Lieb
102	Oliver	Coaill	Tesmond
103	Jacquelyn	Cunnah	Cast
104	Kyle	Cutchee	Kearsley
105	Arlie	Cusworth	Noulton
106	Giffer	Dabin	Caddie
107	Rita	Dawby	Ladbrook
108	Kelsi	Daens	Reihm
109	Feodora	Dawdary	Verchambre
110	Daisi	Dewane	Baume
111	Cathrin	Dell'Abbate	Copestake
112	Romeo	Dell'Abbate	Powles
113	Trudey	De Miti	Paulusch
114	Waldo	Deeves	Robardey
115	Alex	Derrick	Scarlon
116	Barnabas	De Hooge	Seckom
117	Gregorio	Dincee	McFie
118	Rosie	Dimitresco	Pullman
119	Blake	Dole	Gooly
120	Sissy	Domenicone	McWhan
121	Luciano	Donaldson	Tiford
122	Munroo	Doughty	Yter
123	Philbert	Drinkall	Cossentne
124	Ardelle	Drain	Kit
125	Binni	Druhan	Treppas
126	Vivyan	Dubs	Davet
127	Rafaelle	Duberry	Fidgin
128	Lanae	Ducker	Vivash
129	Gillian	Dyster	Mitchenson
130	Enid	Ealles	Gifford
131	Jamaal	Eastmead	Januev

Figura 21: G 2

```
--G
SELECT nombre , apellidoPaterno , apellidoMaterno
FROM Empleado E JOIN Colaborar C on E.CURP = C.CURP JOIN Proyecto P on C.numProyecto = P.numProyecto JOIN Empresa Em on P.RFCEmpresa
= Em.RFC JOIN Trabajar T on Em.RFC != T.RFC AND E.CURP = T.CURP
110 %
```

	nombre	apellidoPaterno	apellidoMaterno
260	Nathaniel	Leese	Simmer
261	Johani	Lindley	Biermatowicz
262	Cecily	Linde	Dobie
263	Eulalie	Lingard	Simkin
264	Korella	Lillie	Tolumello
265	Rachelle	Linkie	Winkett
266	Fancie	Lounds	Aylesbury
267	Everett	Lovelock	Hampton
268	Lucias	Longworth	Hedlich
269	Kellie	Look	Jerrom
270	Dione	Locks	Matchett
271	Berta	Loveless	Piche
272	Damita	Lodemann	Redford
273	Tabatha	Los	Wormstone
274	Garrick	Locket	Zuker
275	Fenelia	Luipold	Watkin
276	Eiston	MacSorley	Allkins
277	Iormina	MacCall	Akit
278	Tate	MacUchadair	Aimable
279	Gretal	MacMaster	Bronie
280	Ilise	Maulden	Basilion
281	Aerieia	Martland	Dodbill
282	Tedra	Martschke	Dymott
283	Kristofer	Mackneis	Francais
284	Cally	Makiver	Gidman
285	Jonas	Matuschek	Garnett
286	Kaine	MacMenamin	Humburton
287	Ly	MacDinrid	Hadingham
288	Rivalee	Maltby	Jebb
289	Enrika	MacGray	Kitt
290	Glynnis	Marmion	Lyne
291	Anastas...	Martelet	Mandel

Figura 22: G 3

```
SELECT razonSocial, MIN(salarioQuincenal) SALARIO_MINIMO, MAX(salarioQuincenal) SALARIO_MAXIMO, SUM(salarioQuincenal) TOTAL
FROM Empresa E INNER JOIN Trabajar T ON E.RFC = T.RFC
GROUP BY razonSocial;
```

	razonSocial	SALARIO_MINIMO	SALARIO_MAXIMO	TOTAL
1	Access National Corporation	36207	36207	36207
2	AllianzGI NFIJ Dividend, Interest & Premium State...	20119	42462	189735
3	Altimmune, Inc.	20520	30522	106431
4	Amazon.com, Inc.	23664	44634	168889
5	Anheuser-Busch Inbev SA	33091	40328	142081
6	Applied Industrial Technologies, Inc.	23157	44520	281363
7	ASML Holding N.V.	20243	36326	109356
8	AxonGen, Inc.	22135	26596	71501
9	Bank Of Montreal	21199	43738	103344
10	Bank of N.T. Butterfield & Son Limited (The)	21281	21281	21281
11	Berkshire Hills Bancorp, Inc.	23588	42054	90205
12	BJ's Restaurants, Inc.	23332	36967	97142
13	BSQUARE Corporation	32468	43600	182107
14	CABCO Series 2004-101 Trust	31827	44482	114742
15	Cerrizo Oil & Gas, Inc.	25234	36056	119135
16	Celadon Group, Inc.	26029	30640	56669
17	Cohen & Steers Limited Duration Preferred and Inc...	20137	40470	150748
18	CSX Corporation	28695	28695	28695
19	CVR Refining, LP	22342	22342	22342
20	Diffusion Pharmaceuticals Inc.	21091	43035	64126
21	DTE Energy Company	21738	43962	128322
22	DTEM Energy Company	35421	35421	35421
23	Easterly Government Properties, Inc.	22367	42123	202044
24	Eaton Vance Tax-Managed Buy-Write Income Fund	20426	26291	72905
25	Endure Royalty Trust	34418	34418	34418
26	Entergy Louisiana, Inc.	28522	42970	110741
27	EPAM Systems, Inc.	28987	40330	69317
28	EPAMT Systems, Inc.	24997	41033	101762
29	First Horizon National Corporation	22635	36726	137709
30	First Trust Low Beta Income ETF	21617	41797	117965
31	First Trust Strategic High Income Fund II	22557	44543	207178

Figura 23: H 1

SQL Query:

```
SELECT razonSocial, MIN(salarioQuincenal) SALARIO_MINIMO, MAX(salarioQuincenal) SALARIO_MAXIMO, SUM(salarioQuincenal) TOTAL
FROM Empresa E INNER JOIN Trabajar T ON E.RFC = T.RFC
GROUP BY razonSocial;
```

Results:

razonSocial	SALARIO_MINIMO	SALARIO_MAXIMO	TOTAL
PerkinElmer, Inc.	20869	42952	150391
Popular, Inc.	23701	44814	107459
PowerShares Dividend Achievers Portfolio	23688	23688	23688
PowerShares DWA Healthcare Momentum Portfolio	37325	37325	37325
Principal Millennials Index ETF	30724	40239	148359
Principal Real Estate Income Fund	23619	44386	264314
Progressive Corporation (The)	21070	28323	94248
Public Storage	26059	38918	176096
Retail Properties of America, Inc.	32439	42892	113819
Ryman Hospitality Properties, Inc.	23411	40763	163225
Select Income REIT	26514	33970	60484
Simulations Plus, Inc.	27195	31016	88183
Southern National Bancorp of Virginia, Inc.	20042	33332	105829
Stoneridge, Inc.	32191	32191	32191
Sussex Bancorp	21708	43971	148300
Taubman Centers, Inc.	28090	30537	87358
TEGNA Inc.	26626	34077	87607
Templeton Emerging Markets Income Fund, Inc.	22882	39319	62201
The Dixie Group, Inc.	20878	31936	115196
The GDL Fund	31350	42476	73826
TransAct Technologies Incorporated	26096	38747	168042
TriMas Corporation	30674	41317	205474
Truett-Hurst, Inc.	29838	38751	68589
United-Guardian, Inc.	23409	31953	80302
Valvoline Inc.	37327	37327	37327
VictoryShares International Volatility Wtd ETF	28556	42193	108501
Western Asset High Income Opportunity Fund, Inc.	20963	20963	20963
Westlake Chemical Partners LP	29987	39386	69373
Whirlpool Corporation	40006	41949	81955
Yatra Online, Inc.	42121	42121	42121
Zix Corporation	22438	31806	54244

Figura 24: H 2

File Edit Navigate Search SQL Editor Database Window Help

Database Navigator Projects

Enter a part of table name here

DBeaver 6.2.2 - <SQL Server - master> Script-14

SQL Server - master lab_db dbo

```
--consulta j
SELECT em.razonSocial compañia, DATEPART(yyyy, t.fechaIngreso) año,
       DATEPART(q, t.fechaIngreso) trimestre, genero, COUNT(e.CURP) empleados
  FROM ( Empleado e JOIN Trabajar t ON t.CURP = e.CURP ) JOIN
        Empresa E ON t.RFC = em.RFC
 GROUP BY em.razonSocial, DATEPART(yyyy, t.fechaIngreso),
          DATEPART(q, t.fechaIngreso), e.genero;
```

Result

em.razonSocial	compañia	año	trimestre	genero	empleados
1	Access National Corporation	2,001	4	M	1
2	AllianzGI NFJ Dividend, Interest & Premium Stra	2,008	4	F	1
3	AllianzGI NFJ Dividend, Interest & Premium Stra	2,015	1	M	1
4	AllianzGI NFJ Dividend, Interest & Premium Stra	2,016	1	M	1
5	AllianzGI NFJ Dividend, Interest & Premium Stra	2,016	3	F	1
6	AllianzGI NFJ Dividend, Interest & Premium Stra	2,017	2	F	1
7	AllianzGI NFJ Dividend, Interest & Premium Stra	2,018	3	M	1
8	Altimmune, Inc.	2,003	3	F	1
9	Altimmune, Inc.	2,010	4	M	1
10	Altimmune, Inc.	2,011	2	M	1
11	Altimmune, Inc.	2,016	3	M	1
12	Amazon.com, Inc.	2,004	4	M	1

Project - General

Save Cancel Script Record Grid Text Record

200 row(s) fetched - 11ms (+11ms)

CST en_US Writable SmartInsert 24:13:591 Sel: 0 | 0 22:45 64% E

Figura 25: J 1

DBeaver 6.2.2 - <SQL Server - master> Script-14

```

File Edit Navigate Search SQL Editor Database Window Help
Database Navigator Projects
Enter a part of table name here
DBeaver Sample Database (SQLite)
MS SQL Server - master
SQL Server - master

lab_db <<SQL Server - master>> Script-14 *<SQL Server - master> Script-13 dbo

--consulta j
SELECT em.razonSocial compañia, DATEPART(yyyy, t.fechaIngreso) año,
       DATEPART(q, t.fechaIngreso) trimestre, genero, COUNT(e.CURP) empleados
FROM [Empleado e JOIN Trabajar t ON t.CURP = e.CURP] JOIN
     Empresa em ON t.RFC = em.RFC
GROUP BY em.razonSocial, DATEPART(yyyy, t.fechaIngreso),
         DATEPART(q, t.fechaIngreso), e.genero;

```

Result

row	compañia	año	trimestre	genero	empleados
13	Amazon.com, Inc.	2,008	1	F	1
14	Amazon.com, Inc.	2,012	4	M	1
15	Amazon.com, Inc.	2,013	1	F	1
16	Amazon.com, Inc.	2,013	4	M	1
17	Anheuser-Busch Inbev SA	2,002	2	M	1
18	Anheuser-Busch Inbev SA	2,008	3	M	1
19	Anheuser-Busch Inbev SA	2,009	2	M	2
20	Applied Industrial Technologies, Inc.	2,000	4	F	1
21	Applied Industrial Technologies, Inc.	2,001	1	F	1
22	Applied Industrial Technologies, Inc.	2,008	1	M	1
23	Applied Industrial Technologies, Inc.	2,008	2	M	1
24	Applied Industrial Technologies, Inc.	2,014	1	F	1

200 rows fetched - 11ms (+11ms)

Figura 26: J 2

DBeaver 6.2.2 - <SQL Server - master> Script-14

```

File Edit Navigate Search SQL Editor Database Window Help
Database Navigator Projects
Enter a part of table name here
DBeaver Sample Database (SQLite)
MS SQL Server - master
SQL Server - master

lab_db <<SQL Server - master>> Script-14 *<SQL Server - master> Script-13 dbo

--consulta j
SELECT em.razonSocial compañia, DATEPART(yyyy, t.fechaIngreso) año,
       DATEPART(q, t.fechaIngreso) trimestre, genero, COUNT(e.CURP) empleados
FROM [Empleado e JOIN Trabajar t ON t.CURP = e.CURP] JOIN
     Empresa em ON t.RFC = em.RFC
GROUP BY em.razonSocial, DATEPART(yyyy, t.fechaIngreso),
         DATEPART(q, t.fechaIngreso), e.genero;

```

Result

row	compañia	año	trimestre	genero	empleados
25	Applied Industrial Technologies, Inc.	2,016	2	F	1
26	Applied Industrial Technologies, Inc.	2,018	1	F	1
27	Applied Industrial Technologies, Inc.	2,018	3	M	1
28	ASML Holding N.V.	2,004	4	F	1
29	ASML Holding N.V.	2,009	4	M	1
30	ASML Holding N.V.	2,014	3	F	1
31	ASML Holding N.V.	2,016	2	F	1
32	AxoGen, Inc.	2,004	2	M	1
33	AxoGen, Inc.	2,013	4	M	1
34	AxoGen, Inc.	2,016	4	F	1
35	Bank Of Montreal	2,006	3	F	1
36	Bank Of Montreal	2,009	1	F	1

200 row(s) fetched - 11ms (+11ms)

Figura 27: J 3

DBeaver 6.2.2 - <SQL Server - master> Script-14

```

File Edit Navigate Search SQL Editor Database Window Help
Database Navigator Projects
Enter a part of table name here
DBeaver Sample Database (SQLite)
MS SQL Server - master
SQL Server - master
lab_db <<SQL Server - master> Script-14 ><SQL Server - master> Script-13 dbo
--consulta j
SELECT em.razonSocial compañia, DATEPART(yyyy, t.fechaIngreso) año,
       DATEPART(q, t.fechaIngreso) trimestre, genero, COUNT(e.CURP) empleados
FROM [Empleado e JOIN Trabajar t ON t.CURP = e.CURP] JOIN
     Empresa em ON t.RFC = em.RFC
GROUP BY em.razonSocial, DATEPART(yyyy, t.fechaIngreso),
         DATEPART(q, t.fechaIngreso), e.genero;

```

Result

row	compañia	año	trimestre	genero	empleados
35	Bank Of Montreal	2,006	3	F	1
36	Bank Of Montreal	2,009	1	F	1
37	Bank Of Montreal	2,012	2	M	1
38	Bank of N.T. Butterfield & Son Limited (The)	2,010	2	M	1
39	Berkshire Hills Bancorp, Inc.	2,003	3	M	1
40	Berkshire Hills Bancorp, Inc.	2,006	2	F	1
41	Berkshire Hills Bancorp, Inc.	2,012	2	M	1
42	BJ's Restaurants, Inc.	2,010	1	F	1
43	BJ's Restaurants, Inc.	2,013	1	M	1
44	BJ's Restaurants, Inc.	2,015	2	M	1
45	BSQUARE Corporation	2,008	1	M	1
46	BSQUARE Corporation	2,009	4	F	1

200 rows fetched - 11ms (+11ms)

Figura 28: J 4

DBeaver 6.2.2 - <SQL Server - master> Script-14

```

File Edit Navigate Search SQL Editor Database Window Help
Database Navigator Projects
Enter a part of table name here
DBeaver Sample Database (SQLite)
MS SQL Server - master
SQL Server - master
lab_db <<SQL Server - master> Script-14 ><SQL Server - master> Script-13 dbo
--consulta j
SELECT em.razonSocial compañia, DATEPART(yyyy, t.fechaIngreso) año,
       DATEPART(q, t.fechaIngreso) trimestre, genero, COUNT(e.CURP) empleados
FROM [Empleado e JOIN Trabajar t ON t.CURP = e.CURP] JOIN
     Empresa em ON t.RFC = em.RFC
GROUP BY em.razonSocial, DATEPART(yyyy, t.fechaIngreso),
         DATEPART(q, t.fechaIngreso), e.genero;

```

Result

row	compañia	año	trimestre	genero	empleados
47	BSQUARE Corporation	2,010	2	F	1
48	BSQUARE Corporation	2,013	2	F	1
49	BSQUARE Corporation	2,018	2	F	1
50	CABCO Series 2004-101 Trust	2,004	3	M	1
51	CABCO Series 2004-101 Trust	2,005	4	M	1
52	CABCO Series 2004-101 Trust	2,007	4	F	1
53	Carizzo Oil & Gas, Inc.	2,006	1	M	1
54	Carizzo Oil & Gas, Inc.	2,008	3	M	1
55	Carizzo Oil & Gas, Inc.	2,015	1	M	1
56	Carizzo Oil & Gas, Inc.	2,015	4	M	1
57	Celadon Group, Inc.	2,009	4	M	1
58	Celadon Group, Inc.	2,014	1	F	1

200 rows fetched - 11ms (+11ms)

Figura 29: J 5

--K

```
SELECT nombre, apellidoPaterno , apellidoMaterno , razonSocial,salarioQuincenal
FROM Trabajar T JOIN (SELECT MAX(salarioQuincenal) as MaxSal , razonSocial FROM Empresa Em JOIN Trabajar T on T.RFC = Em.RFC
GROUP BY razonSocial) as tempnew on T.salarioQuincenal = tempnew.MaxSal JOIN Empleado E on T.CURP = E.CURP
```

110 %

Results Messages

nombre	apellidoPaterno	apellidoMaterno	razonSocial	salarioQuincenal
1 Feodor	Cornier	Plessing	PEMEX	44960
2 Grant	Gaddesby	Righy	ASML Holding N.V.	36326
3 Babita	Gandley	Waren	Kinsale Capital Group, Inc.	44580
4 Martica	Geldart	Tebbett	PowerShares DWA Healthcare Momentum Portfolio	37325
5 Gael	Gerrelsten	White	TEGNA Inc.	34077
6 Marielle	Gippa	Butler-Bowdon	Global X Longevity Thematic ETF	41861
7 Tomas	Gimlet	Fines	TransAct Technologies Incorporated	38747
8 Jayson	Glyde	Shorrie	Entergy Louisiana, Inc.	42970
9 Gardner	Godsil	Cantera	Applied Industrial Technologies, Inc.	44520
10 Tyler	Godfree	Farris	ITEM Energy Company	35421
11 Michelina	Goding	Jacox	Korea Electric Power Corporation	32403
12 Juditha	Goodchild	Petyanin	Principal Real Estate Income Fund	44386
13 Jelene	Gregore	Damerell	VictoryShares International Volatility Wtd ETF	42193
14 Winnah	Griegolin	Havatvai	Popular, Inc.	44814
15 Justino	Grimditch	Szymanzky	JA Solar Holdings, Co., Ltd.	44647
16 Leoline	Hacon	Beardsworth	L.B. Foster Company	38856
17 Dill	Haggart	Pallant	AxonGen, Inc.	26596
18 Hasheem	Helis	Foloshom	Enduro Royalty Trust	34418
19 Elsa	Hurich	Leechman	AllianzGI NFJ Dividend, Interest & Premium Strategy...	42462
20 Jeramie	Huguet	Morpeth	FlexShares Credit-Scored US Corporate Bond Index...	37417
21 Danyette	Hurst	Sworder	Nuveen Pennsylvania Quality Municipal Income Fund	23102
22 Lyndsie	Iacovacci	Routledge	Cohen & Steers Limited Duration Preferred and Income...	40470
23 Janith	Illes	Harrison	GulfS Resources, Inc.	41835
24 Archambault	Jankowski	Harfleet	BSQUARE Corporation	43600
25 Luisa	Jambrozek	Keep	Valvoline Corporation	37327
26 Korie	Jickles	Mence	Nustar Energy L.P.	31358
27 Kirsti	Kenward	Bennnen	Diffusion Pharmaceuticals Inc.	43035
28 Pepe	Keuning	Crathern	Old Republic International Corporation	40640
29 Ewie	Kenyon	Trill	Berkshire Hills Bancorp, Inc.	42054
30 Milton	Kirkham	Auty	Celadon Group, Inc.	30640
31 Erv	Kitcatt	Udden	Eintouch Data Systems, ETC	41707
32 Tulliusk	Kluitenk	Gencer		

Figura 30: K 1

--K

```
SELECT nombre, apellidoPaterno , apellidoMaterno , razonSocial,salarioQuincenal
FROM Trabajar T JOIN (SELECT MAX(salarioQuincenal) as MaxSal , razonSocial FROM Empresa Em JOIN Trabajar T on T.RFC = Em.RFC
GROUP BY razonSocial) as tempnew on T.salarioQuincenal = tempnew.MaxSal JOIN Empleado E on T.CURP = E.CURP
```

100 %

Results Messages

nombre	apellidoPaterno	apellidoMaterno	razonSocial	salarioQuincenal
70 Lonnard	Roll	Pucknell	Norwegian Cruise Line Holdings Ltd.	20990
71 Curt	Rowly	Warren	Kellogg Company	42660
72 Stefania	Savine	Woollett	New York Community Bancorp, Inc.	43697
73 Bernadette	Scheffel	Boundy	Honeywell Technology Co., Ltd.	41591
74 Paulette	Alkins	Alkins	Orbit Financial Corp.	22342
75 Usman	Sidens	Sparr	Anheuser-Busch InBev SA	40328
76 Lolly	Sneath	Metham	Neutel Brands Inc.	35250
77 Joyous	Slalom	Pereee	Infinity Property and Casualty Corporation	21138
78 Christalle	St Louis	Emerton	Green Plains Partners LP	42108
79 Regen	St Clair	Valley	Access National Corporation	36207
80 Dom	Sweton	Littlewood	Gladstone Investment Corporation	40203
81 Kamillah	Tackson	Bain	EDS Systems, Inc.	40330
82 Catrina	Taunton	Hinkins	Suisse Bancom	43971
83 Lettie	Tax	Vice	First Trust Strategic High Income Fund II	44543
84 Rose	Tewkesbury	Pastor	Kayne Anderson Acquisition Corp.	24376
85 Cassie	Thomington	Reraport	TruMark Corporation	41317
86 Cesee	Tookeey	Gmeough	Houghtaling Miller Harcourt Company	35119
87 Farrah	Troy	Hens	Baird CMH Corp.	43758
88 Constantia	Tremblot	Lalbe	Horizon Technology Finance Corporation	25050
89 Ichabod	Tzyack	Dowseok	Caraco Oil & Gas, Inc.	30056
90 Cuesta	Tyerton	Jeanesson	Southern National Bancorp of Virginia, Inc.	33332
91 Edward	Vearcombe	Jacksons	Stonebridge Inc.	32191
92 Angeli	Wallage	Hulberg	MS Financial Inc.	36219
93 Hall	Waherer	Kroes	CDR Corporation	26995
94 Adriano	Walewicz	Stuley	Principia Millennium Index ETF	40239
95 Ariane	Wear	McGillivray	Global Indemnity Limited	41091
96 Malissia	Westcar	Tannman	Altimmune, Inc.	30522
97 Hartwell	Whitord	Correll	Select Income REIT	33970
98 Ara	Wivel	Massingberd	Mobile Mini, Inc.	31099
99 Idell	Yerlett	Wirswoeck	Yatra Online, Inc.	42121
100 Mabelle	Zanardi	Guyan	Fresenius Medical Care Corporation	44854

Figura 31: K 2

```

SELECT nombre, apellidoPaterno, apellidoMaterno, salarioQuincenal, AVG(T.salarioQuincenal) promedio_Salario
FROM Empleado E INNER JOIN Trabajar T ON E.CURP = T.CURP
GROUP BY nombre, apellidoPaterno, apellidoMaterno, salarioQuincenal
HAVING T.salarioQuincenal > (SELECT AVG(salarioQuincenal) FROM trabajar)

```

110 %

	nombre	apellidoPaterno	apellidoMaterno	salarioQuincenal	promedio_Salario
1	Abbye	Gateland	Barter	36381	36381
2	Adria	Challiner	Labon	43486	43486
3	Adriano	Wasielewicz	Sturley	40239	40239
4	Ali	Mooreed	Norheny	33871	33871
5	Alissa	Mulvany	Webber	39319	39319
6	Amalita	Fairham	Kleinstub	36159	36159
7	Ambrosi	Gotthard	Twiname	34841	34841
8	Amil	Rhodef	Glabach	42476	42476
9	Anastassia	Martelet	Mandel	40763	40763
10	Angus	Wallage	Hultberg	36219	36219
11	Anstice	Chrippes	Isbell	37973	37973
12	Anthony	Hastwell	Mellmorow	33702	33702
13	Archambault	Janikowski	Harfleet	41835	41835
14	Arda	Willsmore	Lille	37433	37433
15	Arluene	Wear	McGillivray	41091	41091
16	Asia	Pinnell	Halsey	39386	39386
17	Aurel	Haack	Baldry	34385	34385
18	Auroora	Baggalley	Blasdale	43722	43722
19	Babita	Gandley	Waren	44580	44580
20	Bard	Gurwood	Buckleigh	38433	38433
21	Barde	Lace	Stronghill	35732	35732
22	Bathsheba	Summerley	Cherrie	40356	40356
23	Bealle	Croley	Braybrooke	36075	36075
24	Benton	Vye	Polhill	35173	35173
25	Bernadette	Scheffel	Boundy	41591	41591
26	Berta	Loveless	Piche	41763	41763
27	Betteanne	Bruhke	Hawson	35333	35333
28	Billie	Bulbrook	Kellegher	33526	33526
29	Blake	Dole	Gooly	39495	39495
30	Bondon	Cheake	Jansens	43484	43484
31	Bradan	Hartley	Cassey	32960	32960
32	Bradney	Pampling	Griffiths	44278	44278
33	Broderic	Begg	Draijer	44041	44041

Figura 32: L 1

```

SELECT nombre, apellidoPaterno, apellidoMaterno, salarioQuincenal, AVG(T.salarioQuincenal) promedio_Salario
FROM Empleado E INNER JOIN Trabajar T ON E.CURP = T.CURP
GROUP BY nombre, apellidoPaterno, apellidoMaterno, salarioQuincenal
HAVING T.salarioQuincenal > (SELECT AVG(salarioQuincenal) FROM trabajar)

```

Results

	nombre	apellidoPaterno	apellidoMaterno	salarioQuincenal	promedio_Salario
211	Sutton	Hackworth	Craft	33773	33773
212	Sybila	Berge	Wagge	33810	33810
213	Syman	Arsnell	Glendinning	39756	39756
214	Tabatha	Lott	Wormstone	34686	34686
215	Tallulah	Kulisek	Goscar	41797	41797
216	Tamqrah	Britten	Labbez	44464	44464
217	Tasha	Aleveque	Wooldridge	37853	37853
218	Tedra	Martschke	Dymott	40033	40033
219	Tera	Hamlet	Shirley	36198	36198
220	Tildi	Gaenor	Gowdie	42918	42918
221	Tim	Fronek	Sidery	44953	44953
222	Toby	Cleal	MacCaughen	41179	41179
223	Tomas	Gimlet	Fines	38747	38747
224	Tova	Rappoport	Blakelock	43438	43438
225	Trescha	Eddis	Goeff	39155	39155
226	Tyler	Godfree	Farris	35421	35421
227	Ulrike	Spellworth	Hubbert	35927	35927
228	Urban	Szwarc	Targett	34015	34015
229	Ursone	Sides	Spurz	40328	40328
230	Vallie	Benitti	De Roeck	39685	39685
231	Vinny	Peedell	Oliver	44334	44334
232	Virgie	Francescone	Esley	38081	38081
233	Vitia	Ovise	Bolland	40329	40329
234	Vittoria	Leteutre	Roote	41949	41949
235	Vivian	Notley	Sizland	39836	39836
236	Vivyan	Dubs	Davet	34105	34105
237	Weider	Stainland	Proctor	41095	41095
238	Winnah	Grigolos	Harvatt	44814	44814
239	Xaviera	Mulqueen	Vizard	37560	37560
240	Yettie	Altthrope	Rought	43614	43614
241	Zarla	Weben	Krzymaniak	39295	39295
242	Zenia	Pragnell	Urwin	32866	32866

Figura 33: L 2

```

SELECT razonSocial ,e.CURP, nombre, apellidoPaterno, apellidoMaterno, genero,
nacimiento, e.calle, e.num, e.ciudad, CP
FROM Empleado e INNER JOIN Trabajar t ON t.CURP = e.CURP JOIN Empresa on t.RFC = Empresa.RFC
WHERE t.RFC = (SELECT TOP(1) a.RFC
    FROM (SELECT RFC, COUNT(CURP) AS c
        FROM Trabajar
        GROUP BY RFC) As a
    ORDER BY c ASC);

```

Results

	razonSocial	CURP	nombre	apellidoPaterno	apellidoMaterno	genero	nacimiento	calle	num	ciudad	CP
1	Nuveen Pennsylvania Quality Municipal Income Fund	IARL20000309FSCOY1	Lyndsie	Iacovacci	Rouledge	F	2000-03-09	Everett	7	South Hill	59571

Figura 34: M

DBeaver 6.2.2 - <SQL Server - master> Script-14

File Edit Navigate Search SQL Editor Database Window Help

Database Navigator Projects

lab_db <SQL Server - master> Script-14 *<SQL Server - master> Script-13 dbo

```
--consulta n
SELECT d.CURP, c.numProyecto, p.nombreProyecto, p.fechaInicio, p.fechaFin, p.RFCEmpresa
FROM Dirigir as d
JOIN Colaborar as c ON d.CURP = c.CURP
JOIN Proyecto as p ON p.numProyecto = c.numProyecto
```

Result

rec	CURP	123 numProyecto	adv nombreProyecto	fechaInicio	fechaFin	arc RFCEmpresa
1	ABLM19830929MBRIO5	43	YGSBN	2011-08-20	2018-09-24	CLT2B1Q76TFBB
2	ADLK19801221FAMEI4	9	8Z0RD	2017-09-05	2019-07-11	SHPSIVM8CKH90
3	AICJ19970706FCMRA6	2	9F64W	2006-10-10	2018-02-16	P77CU5U4H6R15
4	AKGE19940818MEIRN3	2	9F64W	2006-10-10	2018-02-16	P77CU5U4H6R15
5	ALDR19831005FOL0E7	41	6TS3W	2015-11-27	2019-10-29	IE7K4BBLUXV0B
6	ALKS19860103FEBE09	19	JOZU2	2013-05-10	2019-07-23	9CQ8TP4IZ6HZJ
7	ALME19951004FSEUL0	47	9CUE3	2008-09-08	2019-05-17	PRUEBA1234567
8	ALPR19810329FAVOA0	39	HMSOV	2011-12-20	2019-07-01	BVIUZ5MQ1QFDT
9	ALRY19971202MTB0A9	4	QGRJO	2011-10-29	2017-12-28	2CI4G1T0W1C7G
10	ALRM19950126MSCIA8	14	QN9X8	2006-11-14	2019-08-02	0C38917DN2GM
11	ALRY19910623FETO0E	28	7IJFI	2008-06-10	2019-07-29	WXJAO1D44FEGH
12	ALSH19820428FABMA0	16	63WAP	2006-04-06	2018-01-12	NK3MJG41QM4GA
13	ALWT19901127FBEOA2	34	HF7YF	2009-03-31	2019-09-12	B6G8VOZWT0IJR
14	AMRI19811276FOODA5	23	PUMGO	2014-11-12	2018-05-17	ITRSX4RHV0710

150 rows fetched - 377ms (+13ms)

Project - General

CST en_US Writable Smart Insert 33 : 4 : 960 Sel: 0 | 0

22:47 63% 0 E

Figura 35: N 1

DBeaver 6.2.2 - <SQL Server - master> Script-14

File Edit Navigate Search SQL Editor Database Window Help

Database Navigator Projects

lab_db <SQL Server - master> Script-14 *<SQL Server - master> Script-13 dbo

```
--consulta n
SELECT d.CURP, c.numProyecto, p.nombreProyecto, p.fechaInicio, p.fechaFin, p.RFCEmpresa
FROM Dirigir as d
JOIN Colaborar as c ON d.CURP = c.CURP
JOIN Proyecto as p ON p.numProyecto = c.numProyecto
```

Result

rec	CURP	123 numProyecto	adv nombreProyecto	fechaInicio	fechaFin	arc RFCEmpresa
15	ANAC19940208MHTNY4	43	YGSBN	2011-08-20	2018-09-24	CLT2B1Q76TFBB
16	ANCE19980620FSDR08	31	03T24	2008-09-20	2017-12-17	DJ8L5GMCHDAOX
17	ARGS19970728MHSLY8	38	ISQT7	2006-02-26	2018-12-02	L57WMU3XYEW1X
18	ARTM19821130FKUHA9	39	HMSOV	2011-12-20	2019-07-01	BVIUZ5MQ1QFDT
19	ASBG19811025FLHRA5	22	51WE8	2008-03-31	2018-09-15	XIG0IAKTUUNI0
20	ASLO19970914MSTUN3	39	HMSOV	2011-12-20	2019-07-01	BVIUZ5MQ1QFDT
21	ASRD19950505MTP0I5	42	M0562	2015-04-20	2019-06-28	YCXIMGSIUV1LM
22	AUHM19980125MHGA18	43	YGSBN	2011-08-20	2018-09-24	CLT2B1Q76TFBB
23	BAAH19861023FALLE6	13	GFKRP	2015-06-01	2018-01-05	ECBF7XSY2YSN6
24	BAAM19830824MQLBA1	37	0LFY0	2006-01-10	2019-03-12	O2YNWRWBVLMQE
25	BABA19890316FGGLU2	15	VO295	2009-08-22	2019-08-11	DJ8L5GMCHDAOX
26	BACP19960625MBSAA0	9	8Z0RD	2017-09-05	2019-07-11	SHPSIVM8CKH90
27	BAHK19830218MATE07	47	9CUE3	2008-09-08	2019-05-17	PRUEBA1234567
28	RAKD19921216MRRAFR	41	6TS3W	2015-11-27	2019-10-29	IF7K4ARTLUXV0R

150 rows fetched - 377ms (+13ms)

Project - General

CST en_US Writable Smart Insert 33 : 4 : 960 Sel: 0 | 0

22:48 63% 0 E

Figura 36: N 2

DBeaver 6.2.2 - <SQL Server - master> Script-14

```
--consulta n
SELECT d.CURP, c.numProyecto, p.nombreProyecto, p.fechaInicio, p.fechaFin, p.RFCEmpresa
FROM Dirigir as d
JOIN Colaborar as c ON d.CURP = c.CURP
JOIN Proyecto as p ON p.numProyecto = c.numProyecto
```

rec	CURP	123 numProyecto	adv nombreProyecto	fechaInicio	fechaFin	arc RFCEmpresa
29	BALK19890422MLRAA3	19	JOUZU	2013-05-10	2019-07-23	9QCQ8TP4I26HZJ
30	BALL19821207FOLAA4	15	V029S	2009-08-22	2019-08-11	DJ8L5GMCHDAOX
31	BALL19890118FBLIE2	12	HIVRW	2014-02-23	2019-10-22	NBQEGGHX7IJCY
32	BASL19841021FBLYE8	38	ISJT7	2006-02-26	2018-12-02	L57WMU3XYEW1X
33	BEDB19820710MTGRR2	6	6TK5F	2007-02-06	2019-08-04	L2644ZLFR82LN
34	BEDV19840704FLNEA6	38	ISJT7	2006-02-26	2018-12-02	L57WMU3XYEW1X
35	BEFB19870410FLNAR7	48	17C3I	2007-10-16	2019-09-05	E89X8IBVPOMNU
36	BEFK19920104FGEAE1	42	M0562	2015-04-20	2019-06-28	YCXIMGSIU1LM
37	BEHM19841226FBRAY3	9	820RD	2017-09-05	2019-07-11	SHP5VM8CKH90
38	BEIP19890426MTRXA9	18	7ICC9	2008-02-26	2019-02-12	HST4PDNYGFICK
39	BEKV19890428FHNAAS	35	JW3J4	2015-04-17	2018-05-01	C6QTO4MGD56L1
40	BELK19880410MLEE9	12	HIVRW	2014-02-23	2019-10-22	NBQEGGHX7IJCY
41	BEMW19900119MjSC15	27	DZMNU	2016-07-26	2018-08-29	V0QBCMAPLOD44
42	RPHI19871121MNCTOR	10	MHPY9	2007-09-28	2018-07-16	URVNMPK6R01T7

150 rows fetched - 377ms (+13ms)

Figura 37: N 3

DBeaver 6.2.2 - <SQL Server - master> Script-14

```
--consulta n
SELECT d.CURP, c.numProyecto, p.nombreProyecto, p.fechaInicio, p.fechaFin, p.RFCEmpresa
FROM Dirigir as d
JOIN Colaborar as c ON d.CURP = c.CURP
JOIN Proyecto as p ON p.numProyecto = c.numProyecto
```

rec	CURP	123 numProyecto	adv nombreProyecto	fechaInicio	fechaFin	arc RFCEmpresa
43	BEWS19900210FARAY1	22	51WE8	2008-03-31	2018-09-15	XJG0IAKTUUN0
44	BIJ1995080205SAI09	6	6TK5F	2007-02-08	2019-08-04	L2644ZLFR82LN
45	BLSR19940602FGERU9	30	QRBRN0	2012-09-19	2018-10-22	WXJAD144FEGH
46	BODG19920329MTUU13	39	HM5OV	2011-12-20	2019-07-01	BVIUZ5MQ1QFDT
47	BOGL19840828FGNRE6	29	253U9	2015-07-08	2018-12-02	QWQEJ5YKFKRMJ
48	BOHA19911105FBRUA5	29	253U9	2015-07-08	2018-12-02	QWQEJ5YKFKRMJ
49	BOLC19880918FSOOH0	43	YGS8N	2011-08-20	2018-09-24	CLT2B1Q76TF8B
50	BOLG19890921FTOAE7	50	XNSN9	2016-05-21	2019-08-30	KJ77APV9PP1AA
51	BOML19801222FAUA16	4	QGRJO	2011-10-29	2017-12-28	2CI4G1TOW1C7G
52	BOSO19840825MEHHB4	23	PUMGO	2014-11-12	2018-05-12	LTR5X4RHV07L0
53	BRBP19941204MBLO06	34	HF7YF	2009-03-31	2019-09-12	B6Q8VOZWTOIJR
54	BRDH19961229MOROA8	45	N64D2	2012-02-11	2019-08-05	TKFV2Z504KPS
55	BRHB19940429FLUAE4	18	GFKRP	2015-06-01	2018-01-05	ECBF7KSY2YSN6
56	RRKN19R90615MGA101	27	DZMNU	2016-07-26	2018-08-29	V0QRCMAP10D44

150 rows fetched - 377ms (+13ms)

Figura 38: N 4

```
-- O
SELECT razonSocial
FROM (SELECT COUNT(ciudad) as Total
      FROM (SELECT DISTINCT ciudad
            FROM Empleado) as ciudades) as TotalCiudad
JOIN (
    SELECT razonSocial , COUNT(ciudad) as TotalCiudades
    FROM (SELECT DISTINCT E.ciudad , razonSocial
          FROM Empleado E JOIN Trabajar T on E.CURP = T.CURP JOIN Empresa Em on Em.RFC = T.RFC)as Cuenta
    GROUP BY razonSocial) as CiudadesEmpresa ON TotalCiudad.Total = CiudadesEmpresa.TotalCiudades
```

Results

razonSocial
PEMEX

Figura 39: O

Sub-inciso J**Sub-inciso K****Sub-inciso L****Sub-inciso M****Sub-inciso N****Sub-inciso O****Sub-inciso P****Sub-inciso Q****Sub-inciso R****Sub-inciso S****Sub-inciso T****Sub-inciso U****Sub-inciso V****Sub-inciso W****Sub-inciso X****Inciso 5**

Las ventajas incluyen dar consistencia a los datos al asegurar que cierto valor tiene que estar en la base de datos.

Como desventaja tenemos que al momento de poblar la base, si alguna de estas restricciones no se cumplen entonces no van a poder ser ingresados los datos.

```

SELECT E.CURP, E.nombre, E.apellidoPaterno, E.apellidoMaterno
FROM Empleado E INNER JOIN Colaborar C ON E.CURP = C.CURP
INNER JOIN Proyecto P ON C.numProyecto = P.numProyecto
WHERE C.fechaFin < P.fechaFin;

```

L10 % ▶

	CURP	nombre	apellidoPaterno	apellidoMaterno
1	ADLK19801221FAMEI4	Kip	Admans	Le Provest
2	AKGE19940818MEIRN3	Englebert	Akister	Gridley
3	ALDR19831005FOLEE7	Rennie	Allfatt	Denington
4	ALME19951004FSEUL0	Elfie	Aleksidze	Musto
5	ALPR19810329FAVOA0	Raquela	Aly	Potteridge
6	ALRM19950126MSCIA8	Malachi	Alcide	Ricarde
7	ALRY19910623FETOE0	Yettie	Althrope	Rought
8	ALWT19901127FBEAO2	Tasha	Aleveque	Wooldridge
9	ARGS19970728MHSLY8	Syman	Arsnell	Glendinning
10	ARTM19821130FKUHA9	Marybeth	Arundell	Thebe
11	ASLO19970914MSTUN3	Onfroi	Astman	Lumox
12	BAAM19830824MQLBA1	Marve	Ballister	Abbott
13	BABA19890316FGGLU2	Auroora	Baggalley	Blasdale
14	BAHK19830218MATEE7	Kenton	Battin	Heather
15	BAKD19921216MBRAE8	Delainey	Barkworth	Kardos
16	BALK19890422MLRAA3	Kale	Barnfield	Lathee
17	BALL19890118FBLIE2	Leora	Balderston	Libreros
18	BEDB19820710MTGRR2	Broderic	Begg	Draijer
19	BEFB19870410FLNAR7	Brett	Bennit	Fallis
20	BEHM19841226FBRAY3	Myrtia	Berriman	Havick
21	BEKV19890428FHNA5	Valida	Benes	Kaley
22	BELK19880410MLEEE9	Kendrick	Beert	Leavy
23	BIRJ19950802FSAIO9	Joell	Biaggi	Risen
24	BOGL19840828FGNRE6	Leyla	Boncoeur	Gretham
25	BOLG19890921FTOAE7	Georgina	Boorn	Last
26	BRBP19941204MBIO06	Powell	Brimm	Bothams
27	BRDH19961229MEORA8	Hank	Brocklehurst	Drury
28	BRKN19890615MGAIO1	Noble	Braz	Kipling
29	BRLT19950830FCIAA3	Tamqrah	Britten	Labbez
30	BRPE19830827FTOIL6	Elianore	Brookes	Pittwood

Figura 40: P 1

```

SELECT E.CURP, E.nombre, E.apellidoPaterno, E.apellidoMaterno
FROM Empleado E INNER JOIN Colaborar C ON E.CURP = C.CURP
INNER JOIN Proyecto P ON C.numProyecto = P.numProyecto
WHERE C.fechaFin < P.fechaFin;

```

110 %

	CURP	nombre	apellidoPaterno	apellidoMaterno
144	KNGM19920611FLEAA0	Martelle	Kneeshaw	Garlick
145	KOAW19930929MSSBA0	Warde	Kose	Abrahamsohn
146	KOMC19990405MBRCA0	Cary	Kornacki	McMenemy
147	KRHC19880121FSOA07	Codie	Kroon	Haswell
148	LAAC19811024FGVDO1	Coreen	Laverty	Adamoli
149	LAGK19810518FAUAA9	Kalina	Lauder	Gabler
150	LARB19870919FBNII0	Bibbye	Landers	Riste
151	LASB20001111MBCTA6	Barde	Lace	Stronghill
152	LAVK20000207FHMAE5	Keelia	Lambertz	Vannoort
153	LAWS19840619FTVEU8	Sunshine	Lavington	Webby
154	LERV19940612FETO18	Vittoria	Leteurtre	Roote
155	LIBJ19921214MBNIO2	Johann	Linley	Biermatowicz
156	LIDC19820219FBNOE4	Cecily	Linde	Dobie
157	LITK20000906FSLOO5	Korella	Lillee	Tolumello
158	LOAF19820326FBUYA8	Fancie	Lounds	Aylesbury
159	LOHE19961215MJVAV3	Everett	Lovelock	Hampton
160	LOJK19820302FKOEE9	Kellie	Look	Jerrom
161	LOMD19940207FTCAI2	Dione	Locks	Matchett
162	LOPB19910325FSVIE1	Berta	Loveless	Piche
163	LOZG19900822MHCUA6	Garrick	Locket	Zuker
164	LUWF19850429FFIAE6	Fenelia	Luipold	Watkin
165	MAAT19891012FOCIA7	Tate	MacUchadair	Aimable
166	MABG19920212FBCRR3	Gretal	MacMaster	Bronot
167	MADT19961101FCRYE5	Tedra	Martschke	Dymott
168	MAFK20000819MFCCR8	Kristofer	Mackneis	Francais
169	MAGJ19880523MGTA01	Jonas	Matuschek	Garnett
170	MAHK19930414MBCUA4	Kaine	MacMenamin	Humburton
171	MAHL19980412MACAY6	Ly	MacDirmid	Hadingham
172	MAJR19970408FSLEI7	Rivalee	Maltby	Jebb
173	MAKE19811015FBCIN3	Enrika	MacGray	Kitt

Figura 41: P 2

```

SELECT CURP, nombre, apellidoPaterno, apellidoMaterno, genero,
       nacimiento, calle, num, ciudad, CP
  FROM Empleado
 WHERE CURP NOT IN (SELECT e.CURP FROM Empleado e JOIN Colaborar c ON e.CURP = c.CURP)

```

110 % ▶ |

	CURP	nombre	apellidoPaterno	apellidoMaterno	genero	nacimiento	calle	num	ciudad	CP
1	HEBC19240208MHTNY4	Carlos	Hernandez	Ballarta	M	1924-02-08	Milwaukee	0	Herat	59774
2	MAMA19930411MMCAL7	Alessandro	MacCrachen	MacGuiness	M	1993-04-11	Mandrake	4317	Mostaganem	33669
3	MAML19860912FCCAO2	Lorianne	MacArthur	Mattin	F	1986-09-12	Gina	6	Constantine	60028
4	MASN19980224FTCTA9	Nannette	Macura	Stelljes	F	1998-02-24	Dennis	505	Tlemcen (Tilimsen)	58691
5	MAWC19901004MBCH06	Conroy	MacTague	Wharby	M	1990-10-04	Haas	1	Batna	63557
6	MAYG19820716FGRAR3	Gratia	Martusov	Yankeev	F	1982-07-16	Del Mar	6	Ghardaïa	21712
7	MCAF19871206MHILA2	Farlie	Mclreavy	Allner	M	1987-12-06	Westport	1987	Huambo	38168
8	MCBJ19860421FMCR08	Joyce	McCunn	Brumfitt	F	1986-04-21	Derek	3	Mostaganem	43464
9	MCBL19920210MGCR11	Linn	McCumesky	Brimman	M	1992-02-10	Straubel	7	Ghardaïa	56756
10	MCCD19940605FECR02	Dredi	McCllements	Coxon	F	1994-06-05	Magdelaine	4	Ech-Chleff (el-Asnam)	97057
11	MCCE19950902MEKRU7	Ezra	McKimmey	Creenan	M	1995-09-02	Comanche	2	Ech-Chleff (el-Asnam)	23630
12	MCCJ19820509FOCRU1	Juliann	McCullock	Crose	F	1982-05-09	Victoria	1636	Oran	22824
13	MCCP19961207FEQR07	Poppy	McQuilty	Croshaw	F	1996-12-07	Becker	57649	Esteban Echeverría	89635
14	MCDC19910328FMFAE5	Celene	McFetridge	Dade	F	1991-03-28	Sachs	3	Mostaganem	68652
15	MCLH20000929FBCEE6	Hertha	McCroary	Leicester	F	2000-09-29	Northwestern	70177	Blida (el-Boulaïda)	39579
16	MCRF19880411MSTUR6	Frank	McTrustam	Rubinsky	M	1988-04-11	Shopko	19835	Skikda	65750
17	MCTS19920827MSLOE2	Sebastian	McLewd	Tomblin	M	1992-08-27	Utah	7	Sétif	43834
18	MCWK19830303MLFEI8	Killian	McFaell	Weinmann	M	1983-03-03	Schlimgen	62	La Plata	44138
19	MEAM19851222FTCNE9	Melisandra	Mechi	Annott	F	1985-12-22	Sullivan	7	Tlemcen (Tilimsen)	18891
20	MEBS19860503FLEI13	Sisely	Mellenby	Beare	F	1986-05-03	Forest Run	93844	Fagatogo	24219
21	MEFD19931031MHFAE4	Dean	Meffan	Fautley	M	1993-10-31	Oriole	5567	Herat	52072
22	MEFL19841106FTRRE2	Lela	Merigot	Freestone	F	1984-11-06	Little Fleur	744	Tiaret	29041
23	MELA19980330FNCEN4	Analiese	Mecchi	Leates	F	1998-03-30	Delladonna	58	Namibe	76165
24	MEMS19990310MHUUA3	Salomone	Meuse	Muckloe	M	1999-03-10	Delaware	22	Hurlingham	34463
25	MEVF20000517MLPAI3	Fin	Mepham	Van der Linde	M	2000-05-17	Dawn	42120	Luanda	47603
26	MEZK19840101FANIR5	Kristina	Menchenton	Zincke	F	1984-01-01	Superior	6805	Almirante Brown	64068
27	MIEG19930612FBNMR5	Greer	Minards	Emblow	F	1993-06-12	4th	3	Béchar	91407
28	MIMH19970224MJDC05	Horst	Midner	McOnie	M	1997-02-24	Northwestern	0	José C. Paz	83267
29	MONA19871129FEOL09	Ali	Mooreed	Norheny	F	1987-11-29	Esker	93	Ezeiza	30250
30	MUEJ19820501MBRDO6	Joachim	Murton	Edens	M	1982-05-01	Forest Run	12	Béjaïa	17435
31	MUOS19961023FHRUU5	Susy	Murkus	Ouldcott	F	1996-10-23	Commercial	2217	Huambo	68874
32	MUVX19960725FBILIA5	Xaviera	Mulqueen	Vizard	F	1996-07-25	Bonner	5	Béjaïa	45848

Figura 42: Q 1

```

SELECT CURP, nombre, apellidoPaterno, apellidoMaterno, genero,
       nacimiento, calle, num, ciudad, CP
  FROM Empleado
 WHERE CURP NOT IN (SELECT e.CURP FROM Empleado e JOIN Colaborar c ON e.CURP = c.CURP)
  
```

Results Messages

CURP	nombre	apellidoPaterno	apellidoMaterno	genero	nacimiento	calle	num	ciudad	CP
173 TUJM19981110FEMEA0	Marcelle	Tumblebridge	Jeannebet	F	1998-11-10	Coolidge	41111	Ezeiza	56426
174 TURG20000128FBFAA4	Gabriela	Tuffell	Rantoul	F	2000-01-28	Express	75	Béjaia	55089
175 TYCG19971222MLNOA8	Gauthier	Tyne	Collerd	M	1997-12-22	Daystar	36	Luanda	27823
176 TYDI19820224MLZOC9	Ichabod	Tyzack	Dowse	M	1982-02-24	Vidon	93741	La Matanza	42441
177 TYJC19940402MITEU1	Curcio	Tytterton	Jeannesson	M	1994-04-02	Eliot	753	Ituzaingó	28611
178 VAEG19990413FANNI6	Gilemette	Vanstone	Entwistle	F	1999-04-13	Hallows	5	Almirante Brown	16318
179 VANP19831016MAGO9A	Pat	Vagg	Norheny	M	1983-10-16	School	637	Alger	12571
180 VAPU19910407FSNAE2	Jemmy	Van Niekerk	Pavlenkov	F	1991-04-07	Eggendart	96397	Sétif	13694
181 VASG19890203MSMEU9	Gunar	Vamplew	Selesnick	M	1989-02-03	Vernon	62318	South Hill	57367
182 VEJE19931010MTAAD1	Edvard	Vearcombe	Jacksons	M	1993-10-10	Northview	468	The Valley	36964
183 VEWR19891126FGRIO8	Rois	Vergo	Wilcox	F	1989-11-26	Elka	69119	Gharaïa	32285
184 VIDU19980626FFNAR2	Ursula	Vinson	Danielli	F	1998-06-26	Pond	6528	Fagatogo	82277
185 VOWG19970421FANAE4	Georgian...	Von Hindenbu...	Walter	F	1997-04-21	Ongsard	2	Annaba	88664
186 VYPB19840406MTEOE5	Benton	Yve	Polhill	M	1984-04-06	Lawn	81409	Tiaret	90192
187 WAFR19940823MEBOO9	Rollin	Waby	Folomin	M	1994-08-23	Northport	579	Ech-Chleff (el-Asnam)	71887
188 WAGL19891001MBLOE9	Lamar	Waldocke	Goatcher	M	1989-10-01	Rowland	0	Béchar	39089
189 WAHA19840425MLLU8	Angus	Wallage	Hultberg	M	1984-04-25	Center	8353	Lobito	86246
190 WAHR19980922MASO16	Ricky	Wasylkiewicz	Hoggins	M	1998-09-22	Lerdahl	5	Alger	14923
191 WAKH19911005MLBNA2	Hall	Waberer	Knivett	M	1991-10-05	Oakridge	2	Lanús	88265
192 WASA19880315MASTD0	Adriano	Wasielewicz	Starley	M	1988-03-15	Barnett	7	Andorra la Vella	13464
193 WEKZ19951226FBBRA6	Zarla	Weben	Krzyzaniak	F	1995-12-26	Lunder	205	Béjaia	22196
194 WEMA19831124FAACR1	Arluene	Wear	McGillivray	F	1983-11-24	Rusk	7	Almirante Brown	56688
195 WERE19880725FLSOL8	Eleen	Westney	Rose	F	1988-07-25	South	34566	Lobito	76168
196 WETM19930210FLSAA2	Malissia	Westcar	Tanman	F	1993-02-10	Petterle	17	Luanda	46123
197 WHCH19801229MBIOA6	Hartwell	Whiterod	Cornall	M	1980-12-29	Doe Crossing	6952	Béchar	90801
198 WILA19990308FLLIR8	Arda	Willsmore	Lille	F	1999-03-08	Holy Cross	2	La Matanza	74294
199 WIMA19960619MCVAR0	Ara	Wivell	Massingberd	M	1996-06-19	Muir	10	CDMX	98504
200 WISR19911107FSNPA2	Raychel	Winley	Spollen	F	1991-11-07	Loeprich	1	Sétif	57542
201 WOSD19900716FMRK00	Dorene	Wordsley	Sketch	F	1990-07-16	Fairfield	6234	Mostaganem	44096
202 YEWI19860416FBRID4	Idell	Yerlett	Winsiowiecki	F	1986-04-16	North	447	Biskra	34987
203 ZAGM19880127FCNUA9	Mabelle	Zanardii	Guyan	F	1988-01-27	Hudson	8576	CDMX	23036

Figura 43: Q 2

DBeaver 6.2.2 - <SQL Server - master> Script-14

File Edit Navigate Search SQL Editor Database Window Help

Database Navigator Projects

Enter a part of table name here

File Edit Navigate Search SQL Editor Database Window Help

--consulta r

```

SELECT e.RFC, e.razonSocial, e.calle, e.num, e.CPE
FROM Empresa as e
JOIN (
  SELECT e2.ciudad, COUNT(e2.CURP) as empleados
  FROM Empleado as e2
  GROUP BY e2.ciudad) as em
ON e.ciudad = em.ciudad
WHERE em.empleados >= 2
  
```

Result

SELECT e.RFC, e.razonSocial, e.calle | Enter a SQL expression to filter results (use Ctrl+Space)

e.RFC	e.razonSocial	e.calle	e.num	e.CPE
1 TE4UNKZP0QNH	Principal Millennials Index ETF	Thackery	25	82567
2 YCKIMGSUVILM	Carizzo Oil & Gas, Inc.	Marcy	219	43179
3 Q1K9MH72AAPKX	Korea Electric Power Corporation	Dovetail	98	88074
4 QB4V76KBQF7J	EPAM Systems, Inc.	Eagan	9	56730
5 QGFL0B3852JS	Valvoline Inc.	Moulton	5	77552
6 LTRXS4RH07LD	PerkinElmer, Inc.	Dennis	28,883	18684
7 BNQY23XX4Z2J1	Houghton Mifflin Harcourt Company	Reindahl	13	96276
8 EEG10ETXTGICC	Bank of N.T. Butterfield & Son Limited (The)	Rutledge	2,945	90688
9 VOQBCMAPLD44	TEGNA Inc.	Rutledge	2,945	90688
10 M927GTDXFK3Z	Berkshire Hills Bancorp, Inc.	American	4,221	10284
11 YEVBG1SFJWWNW	Helix Energy Solutions Group, Inc.	Calypso	27,671	62742

100 row(s) fetched - 6ms (+2ms)

CST en_US Writable Smart Insert 39:2:1169 Sel: 0 | 0 | 100 |

Figura 44: R 1

DBeaver 6.2.2 - <SQL Server - master> Script-14

```
--consulta r
SELECT e.RFC, e.razonSocial, e.calle, e.num, e.CPE
FROM Empresa as e
JOIN (
  SELECT e2.ciudad, COUNT(e2.CURP) as empleados
  FROM Empleado as e2
  GROUP BY e2.ciudad) as em
ON e.ciudad = em.ciudad
WHERE em.empleados >= 2
```

RFC	razonSocial	calle	num	CPE
ZKCOYRDXVKW	Horizon Technology Finance Corporation	Coolidge	1,770	91098
OKHZLDOANCKG	Anheuser-Busch Inbev SA	Buell	710	85377
4PERHSD3HOMHH	Retail Properties of America, Inc.	Kim	3,122	84297
772L8W9PNPRY1	New York Community Bancorp, Inc.	Debra	400	66452
88UQ5606P34WK	Ominto, Inc.	Kim	3,122	84297
LOG6AVXL39ZD	JA Solar Holdings, Co., Ltd.	Kim	3,122	84297
P77CUSU4H6R15	ASML Holding N.V.	Kim	3,122	84297
MMORMMS2MD6L2	Cohen & Steers Limited Duration Preferred	Del Mar	6	21712
G5TWEJDU2KNFN	Eaton Vance Tax-Managed Buy-Write Income	Kipling	4,896	52306
CZZNITUJF6ZUJ	PowerShares DWA Healthcare Momentum P	Golf	7,574	59891
A6PQU154VWZTP	Bj's Restaurants, Inc.	Cordelia	68,275	27644

100 rows fetched - 6ms (+2ms)

Figura 45: R 2

DBeaver 6.2.2 - <SQL Server - master> Script-14

```
--consulta r
SELECT e.RFC, e.razonSocial, e.calle, e.num, e.CPE
FROM Empresa as e
JOIN (
  SELECT e2.ciudad, COUNT(e2.CURP) as empleados
  FROM Empleado as e2
  GROUP BY e2.ciudad) as em
ON e.ciudad = em.ciudad
WHERE em.empleados >= 2
```

RFC	razonSocial	calle	num	CPE
O2YNWRWBVLMQE	Altimmune, Inc.	Randy	6,845	44696
JGK9BKOUNOC77	DTE Energy Company	Vidon	6	43864
ROSRAIG85T9SQ	TriMas Corporation	Chinook	7,608	64672
6AU4B3KGKEH9	Global Indemnity Limited	Boyd	2	50659
08EOMGT288Y5D	VictoryShares International Volatility Wtd ETF	Mitchell	1	65054
CQGOTYFMVB0JIC	Ryman Hospitality Properties, Inc.	Farmco	48,543	10670
C6QT04MD56L1	Enduro Royalty Trust	Longview	4,025	67306
QLDOKSZOCXHTE	Kinsale Capital Group, Inc.	Hollow Ridge	16	79109
S1DVL53737RVS	The Dixie Group, Inc.	Hollow Ridge	16	79109
PLB1PSTKEMOKC	First Trust Strategic High Income Fund II	Crowley	4,257	21948
PRUEBA1234567	PEMEX	Crowley	4,257	21948

100 rows fetched - 6ms (+2ms)

Figura 46: R 3

DBeaver 6.2.2 -<SQL Server - master> Script-14

File Edit Navigate Search SQL Editor Database Window Help

Database Navigator Projects

Enter a part of table name here

DBBeaver Sample Database (SQLite) MS SQL Server - master SQL Server - master

--consulta r

```

SELECT e.RFC, e.razonSocial, e.calle, e.num, e.CPE
FROM Empresa AS e
JOIN
SELECT e2.ciudad, COUNT(e2.CURP) AS empleados
FROM Empleado AS e2
GROUP BY e2.ciudad) AS em
ON e.ciudad = em.ciudad
WHERE em.empleados >= 2

```

Result

RFC	razonSocial	calle	num	CPE
65U71PCZJ5DYS	Gladstone Investment Corporation	Everett	7	59571
NBQEGGHX7JCY	Applied Industrial Technologies, Inc.	La Follette	6	44807
C06H1EBK469EY	Principal Real Estate Income Fund	Hansons	6,550	37447
ZRMOYS289CRW3	Opko Health, Inc.	Declaration	81,494	52993
XBKX23DXLEBQ	Marsh & McLennan Companies, Inc.	Little Fleur	744	29041
E89X8IVBFOMN	Templeton Emerging Markets Income Fund, Linden	Morningstar	782	85543
HTJDAN38KQ1M	United-Guardian, Inc.	Jackson	965	80161
BFEK41T96NWGC	Nustar Energy L.P.	Kings	177	92627
CLT2B1Q76TRBB	Western Asset High Income Opportunity Fund	Coleman	725	23162

Record

Save Cancel Script 100 rows fetched - 6ms (+2ms)

CST en_US Writable SmartInsert 39:2:1169 Sel: 0 | 0 22:50 61% E

Figura 47: R 4

--S

```

SELECT nombre, apellidoPaterno, apellidoMaterno, PR.nombreProyecto , numHoras
FROM Proyecto PR JOIN (SELECT top 1 COUNT(CURP) AS Colaboradores , nombreProyecto FROM Colaborar C
JOIN Proyecto P ON C.numProyecto = P.numProyecto
GROUP BY nombreProyecto ORDER BY Colaboradores desc) AS tempnew ON PR.nombreProyecto = tempnew.nombreProyecto JOIN Colaborar C
ON C.numProyecto = PR.numProyecto JOIN Empleado E ON E.CURP = C.CURP

```

Results Messages

nombre	apellidoPaterno	apellidoMaterno	nombreProyecto	numHoras
Kip	Admans	Le Provost	820RD	1900-01-01 11:23:00.000
Parmell	Basden	Callar	820RD	1900-01-01 09:51:00.000
Myrtia	Berman	Havick	820RD	1900-01-01 14:34:00.000
Richmond	Coleridge	Embra	820RD	1900-01-01 06:11:00.000
Batholomew	Constant	Forsythe	820RD	1900-01-01 16:16:00.000
Sonni	Everton	Krzysztof	820RD	1900-01-01 17:46:00.000
Bard	Gurwood	Buckleigh	820RD	1900-01-01 11:32:00.000
Camala	Hazel	Lippie	820RD	1900-01-01 06:40:00.000
Dill	Haggart	Pallant	820RD	1900-01-01 10:15:00.000
Ronny	Jehu	Brass	820RD	1900-01-01 09:42:00.000
Sunshine	Lavington	Webby	820RD	1900-01-01 13:05:00.000
Tedra	Martschke	Dymott	820RD	1900-01-01 10:37:00.000

Figura 48: S

SELECT E.CURP, E.nombre , E.apellidoPaterno , E.apellidoMaterno FROM Empleado E INNER JOIN Trabajar T ON E.CURP = T.CURP
WHERE DAY(E.nacimiento) = DAY(T.fechaIngreso) AND MONTH(E.nacimiento) = MONTH(T.fechaIngreso);

Results Messages

CURP	nombre	apellidoPaterno	apellidoMaterno
POME19960508MBWE73	Etienne	Powdrill	Melmoth
RELW19831229MSNEA8	Wakefield	Renner	Lejeune

Figura 49: T

The screenshot shows a SQL query being run in a database environment. The query is:

```
SELECT s.CURPSupervisor AS CURP_Supervisor, COUNT(e.CURP) AS Supervisados
FROM (Empleado e INNER JOIN Supervisar s ON e.CURP = s.CURPSupervisado)
JOIN Empleado f ON s.CURPSupervisor = f.CURP
GROUP BY s.CURPSupervisor;
```

The results are displayed in a table titled "Results". The table has two columns: "CURP_Supervisor" and "Supervisados". The data consists of 30 rows, each showing a unique CURP_Supervisor value and its corresponding count of Supervisados, which is all 1.

	CURP_Supervisor	Supervisados
1	ABLM19830929MBRIO5	1
2	ADLK19801221FAMEI4	1
3	AICJ19970706FCMRA6	1
4	AKGE19940818MEIRN3	1
5	ALDR19831005FOLEE7	1
6	ALKS19860103FEBEU9	1
7	ALME19951004FSEUL0	1
8	ALPR19810329FAVOA0	1
9	ALRJ19971202MTBOA9	1
10	ALRM19950126MSCIA8	1
11	ALRY19910623FETOE0	1
12	ALSH19820428FABMA0	1
13	ALWT19901127FBEAO2	1
14	AMBL19811226FOOOA5	1
15	ANAC19940208MHTNY4	1
16	ANCE19980620FSDRU8	1
17	ARGS19970728MHSLY8	1
18	ARTM19821130FKUHA9	1
19	ASBG19811025FLHRA5	1
20	ASLO19970914MSTUN3	1
21	ASRD19950505MTPOI5	1
22	AUHM19980125MHGAI8	1
23	BAAH19861023FALLE6	1
24	BAAM19830824MQLBA1	1
25	BABA19890316FGGLU2	1
26	BACP19960625MBSAA0	1
27	BAHK19830218MATEE7	1
28	BAKD19921216MBRAE8	1
29	BALL19821207FOLAA4	1
30	BALL19890118FBLIE2	1

Figura 50: U 1

```

SELECT s.CURPSupervisor AS CURP_Supervisor, COUNT(e.CURP) AS Supervisados
FROM (Empleado e INNER JOIN Supervisar s ON e.CURP = s.CURPSupervisado)
      JOIN Empleado f ON s.CURPSupervisor = f.CURP
GROUP BY s.CURPSupervisor;

```

110 %

	CURP_Supervisor	Supervisados
101	DAVF19940704FTWEE4	1
102	DEBD19911028FLWA6	1
103	DECC19930902FGLOA8	1
104	DEPR19821111MTLOO3	1
105	DEPT19940708FMAR8	1
106	DESA19811026FBRCL1	1
107	DESB19820922MEA9	1
108	DIBJ19821002MFLRA4	1
109	DIPR19901023FBMUO3	1
110	DOGB19910925FHLOL2	1
111	DOMS19860921FSMC17	1
112	DOYM19920227MAUT...	1
113	DRCP19890408MEIOH8	1
114	DRTB19810210FNURI5	1
115	DRWC19860524MEIOH6	1
116	DUDV19990202FTBAI5	1
117	DUFR19880208MTBIA6	1
118	DUVL19840714FKCIA6	1
119	DYMG19990822FSSII4	1
120	EAGE19851025FTLIN9	1
121	EAJJ19980919MCSAA7	1
122	EBRN19860306MFBU12	1
123	EDGT19851022FEDOR0	1
124	EDJM19990618FBWEA2	1
125	ENBI19851231MADUS3	1
126	ESJC19950607MTKOL0	1
127	EVKS19821013FAERO9	1
128	EXBS19900408MOTRI7	1
129	EYGP19930401MHKEA3	1
130	PEMJ19851120FCCEO6	1

Figura 51: U 2

```

SELECT e.nombre,e.apellidoPaterno,e.apellidoMaterno
FROM Empleado as e
JOIN Dirigir as d ON e.CURP = d.CURP
WHERE DATEDIFF(YEAR,e.nacimiento, GETDATE()) > 50

```

110 %

	nombre	apellidoPaterno	apellidoMaterno
1	Carlos	Hernandez	Ballarta

Figura 52: V

```
--W
SELECT nombre , apellidoPaterno , apellidoMaterno
FROM Empleado
WHERE apellidoPaterno LIKE '[A,D,G,J,L,P,R]%'
```

110 %

	nombre	apellidoPaterno	apellidoMaterno
1	Moe	Abramowitch	Linck
2	Kip	Admans	Le Provest
3	Jade	Aim	Croose
4	Englebert	Akister	Gridley
5	Rennie	Allflatt	Denington
6	Susette	Albin	Kewzick
7	Elfie	Aleksidze	Musto
8	Raquela	Alvy	Potteridge
9	Jackson	Alben	Roskam
10	Malachi	Alcide	Ricarde
11	Yettie	Althrope	Rought
12	Hannah	Albrooke	Smithin
13	Tasha	Aleveque	Wooldridge
14	Lani	Amort	Bollin
15	Cyrus	Antonovic	Antonio
16	Eudora	Andrei	Crank
17	Syman	Arsnell	Glendinning
18	Marybeth	Arundell	Thebe
19	Gail	Ashfull	Bremen
20	Onfroi	Astman	Lumox
21	Diego	Aspinwall	Romagnosi
22	Miner	Augustin	Hamflett
23	Giffer	Dablin	Caddie
24	Rita	Dawby	Ladbrook
25	Kelsi	Daens	Reihm
26	Feodora	Dawdary	Verchambre
27	Daisi	Dewane	Baume
28	Cathrin	Dell'Abbate	Copestake
29	Romeo	Dell'Abbate	Powles
30	Trudey	De Mitri	Paulusch
31	Waldo	Deeves	Robardey
32	Alex	Derrick	Scarlon
33			

Figura 53: W 1

```
--W
SELECT nombre , apellidoPaterno , apellidoMaterno
FROM Empleado
WHERE apellidoPaterno LIKE '[A,D,G,J,L,P,R]%'
```

110 %

Results Messages

	nombre	apellidoPaterno	apellidoMaterno
143	Bradan	Pomphrett	Barringer
144	Sergio	Poad	Bednall
145	Jaye	Potter	Clery
146	Jewelle	Pollendine	Clyma
147	Elfreda	Powlesland	enzley
148	Roberta	Poynton	Helversen
149	Etienne	Powdrill	Melmoth
150	Ximenez	Polini	MacCafferky
151	Max	Pratley	Hatherleigh
152	Zenia	Pragnell	Urwin
153	Tulley	Putnam	Snooks
154	Lorry	Pykerman	Spinello
155	Tova	Rappoport	Blakelock
156	Hewe	Rathmell	Haymes
157	Ike	Raunds	Nevins
158	Ephrem	Rayne	Ricca
159	Melli	Rennebach	Croydon
160	Standford	Redish	Koeppe
161	Mela	Rettie	Leechman
162	Wakefield	Renner	Lejeune
163	Kaile	Rheam	Duprey
164	Amil	Rhodef	Glabach
165	Lesley	Rollason	Ciccetti
166	Natalee	Ronchetti	Hyland
167	Kiley	Ropert	Knightsbridge
168	Bobbye	Rozet	Le Count
169	Melanie	Rowsell	Marryatt
170	Eadmund	Roback	Phelipeaux
171	Lonnard	Roll	Pucknell
172	Petunia	Robers	Redwood
173	Curt	Rowly	Warrener
174	Geneva	Rohlfing	Wagge

Figura 54: W 2

The screenshot shows a SQL query being run in a database environment. The query retrieves project names, their corresponding RFCs, and the count of employees (CURP) for each project, grouped by project name and RFC. It uses INNER JOINs to link three tables: Proyecto, Empresa, and Colaborar. A WHERE clause filters the results to include only projects starting in December (MONTH(fechaInicio) = 12). The results are displayed in a table with columns: nombreProyecto, RFC, and NUMERO_EMPLEADOS.

```
SELECT nombreProyecto, E.RFC, COUNT(C.CURP) NUMERO_EMPLEADOS
FROM Proyecto P INNER JOIN Empresa E ON P.RFCEmpresa = E.RFC
INNER JOIN Colaborar C ON C.numProyecto = P.numProyecto
WHERE MONTH(P.fechaInicio) = 12
GROUP BY P.nombreProyecto, E.RFC;
```

	nombreProyecto	RFC	NUMERO_EMPLEADOS
1	HIEKL	51MF1GF89GLDA	4
2	HM5OV	BVIUZ5MQIQFDT	8

Figura 55: X