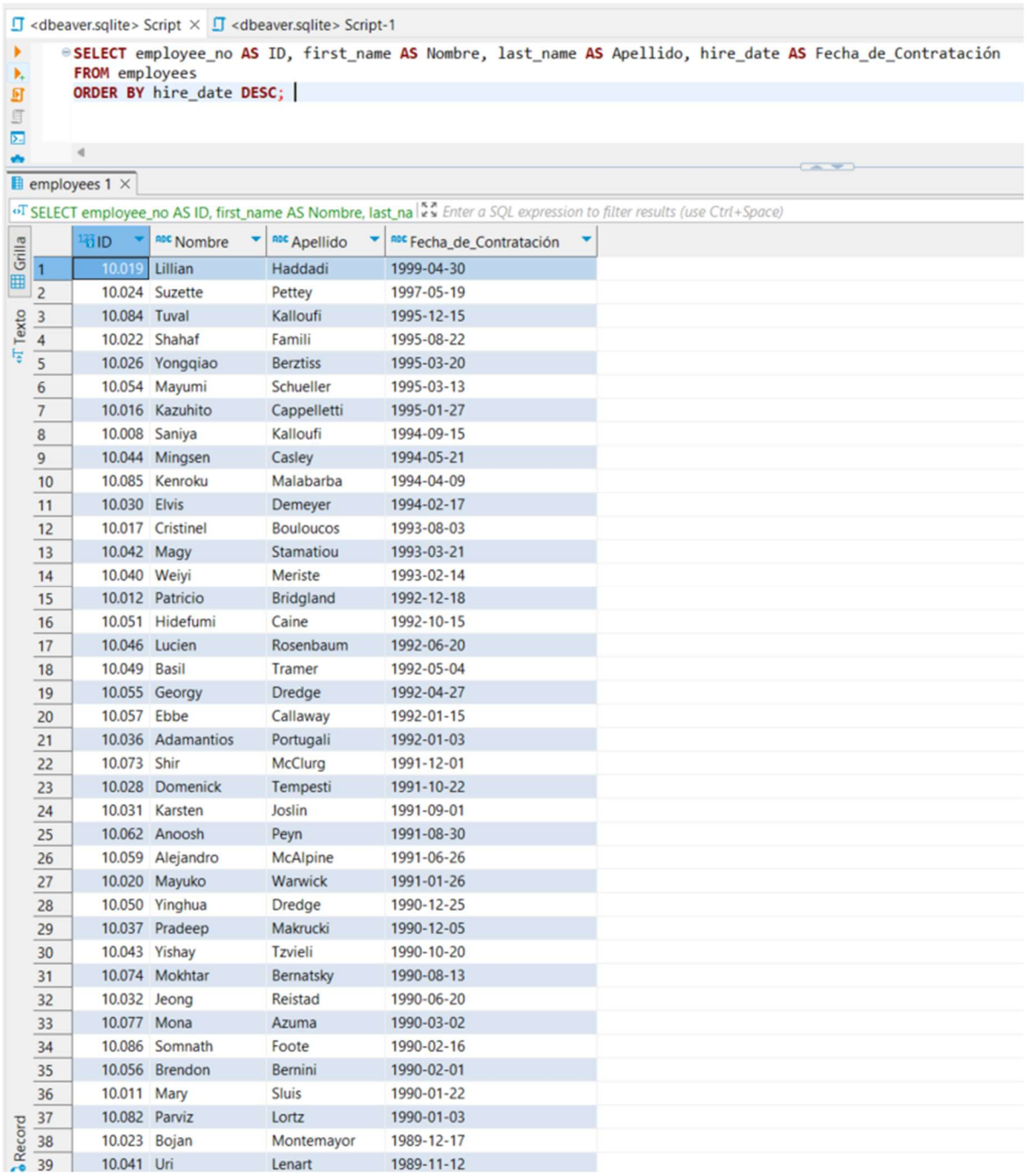
TAREA 11 – TEMA 16 BASE DE DATOS y SQL

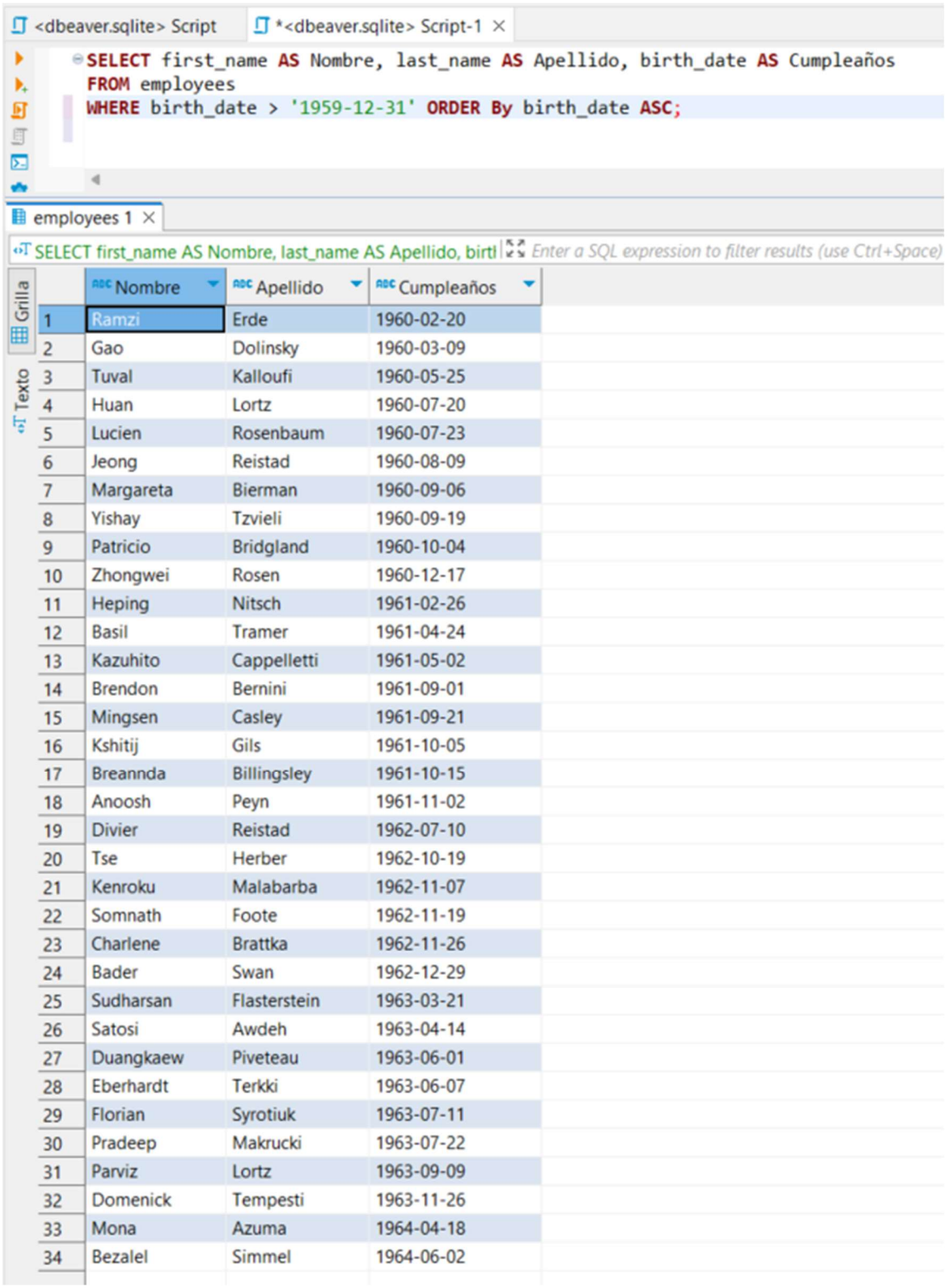
Ejecute las siguientes tareas:

1. **Seleccione a los empleados de la tabla employees y clasifíquelos por fecha de contratación (hire_date) en orden descendente. Seleccione el ID (employee_no), nombre (first_name), apellido (last_name) y fecha de contratación (hire_date).**



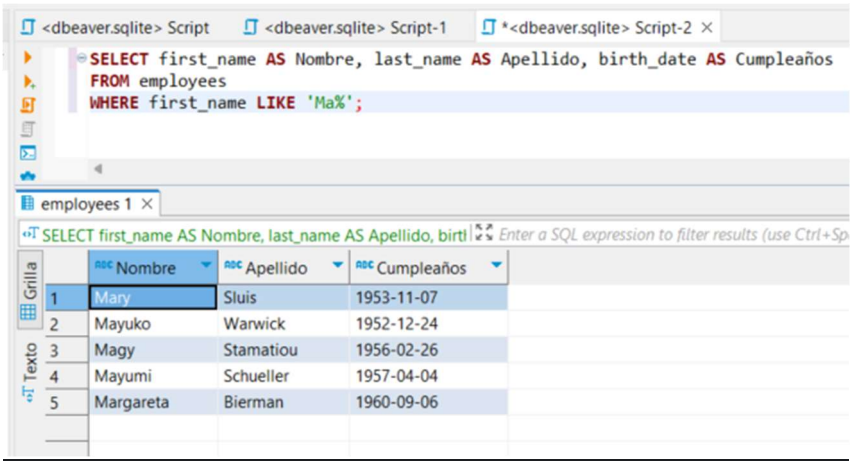
	ID	Nombre	Apellido	Fecha_de_Contratación
1	10.019	Lillian	Haddadi	1999-04-30
2	10.024	Suzette	Pettey	1997-05-19
3	10.084	Tuval	Kalloufi	1995-12-15
4	10.022	Shahaf	Famili	1995-08-22
5	10.026	Yongqiao	Berztiss	1995-03-20
6	10.054	Mayumi	Schueller	1995-03-13
7	10.016	Kazuhito	Cappelletti	1995-01-27
8	10.008	Saniya	Kalloufi	1994-09-15
9	10.044	Mingsen	Casley	1994-05-21
10	10.085	Kenroku	Malabarba	1994-04-09
11	10.030	Elvis	Demeyer	1994-02-17
12	10.017	Cristinel	Bouloucos	1993-08-03
13	10.042	Magy	Stamatiou	1993-03-21
14	10.040	Weiyi	Meriste	1993-02-14
15	10.012	Patricio	Bridgland	1992-12-18
16	10.051	Hidefumi	Caine	1992-10-15
17	10.046	Lucien	Rosenbaum	1992-06-20
18	10.049	Basil	Tramer	1992-05-04
19	10.055	Georgy	Dredge	1992-04-27
20	10.057	Ebbe	Callaway	1992-01-15
21	10.036	Adamantios	Portugali	1992-01-03
22	10.073	Shir	McClurg	1991-12-01
23	10.028	Domenick	Tempesti	1991-10-22
24	10.031	Karsten	Joslin	1991-09-01
25	10.062	Anoosh	Peyn	1991-08-30
26	10.059	Alejandro	McAlpine	1991-06-26
27	10.020	Mayuko	Warwick	1991-01-26
28	10.050	Yinghua	Dredge	1990-12-25
29	10.037	Pradeep	Makrucki	1990-12-05
30	10.043	Yishay	Tzvieli	1990-10-20
31	10.074	Mokhtar	Bernatsky	1990-08-13
32	10.032	Jeong	Reistad	1990-06-20
33	10.077	Mona	Azuma	1990-03-02
34	10.086	Somnath	Foote	1990-02-16
35	10.056	Brendon	Bernini	1990-02-01
36	10.011	Mary	Sluis	1990-01-22
37	10.082	Parviz	Lortz	1990-01-03
38	10.023	Bojan	Montemayor	1989-12-17
39	10.041	Uri	Lenart	1989-11-12

2. **Seleccione a los empleados de la tabla employees, nacidos después de 1960 (contados). Seleccione el nombre (first_name), apellido (last_name) y fecha de nacimiento (birth_date).**

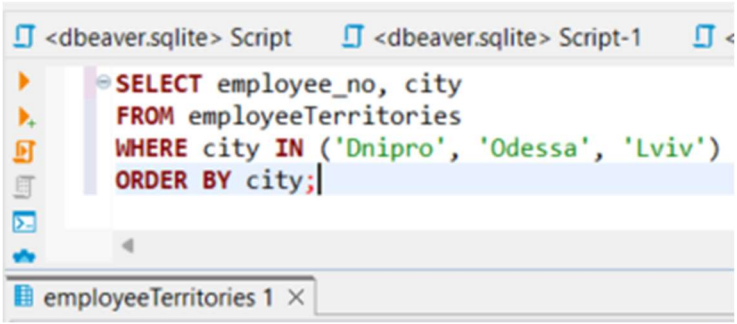


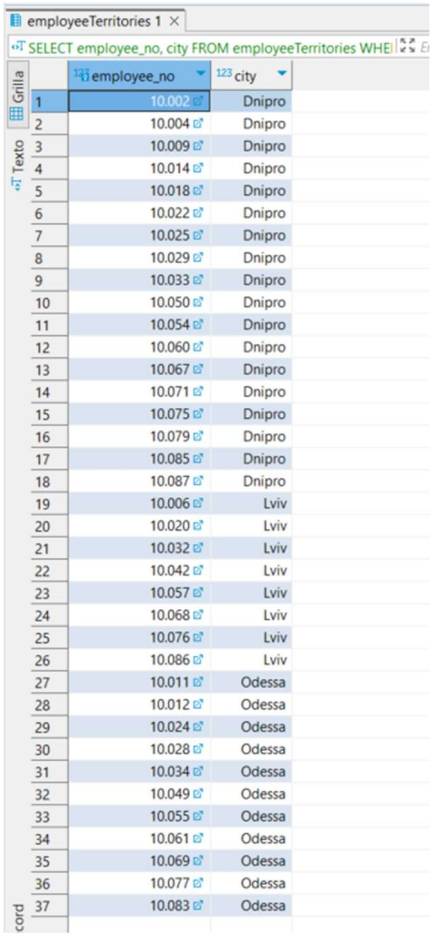
	Nombre	Apellido	Cumpleaños
1	Ramzi	Erde	1960-02-20
2	Gao	Dolinsky	1960-03-09
3	Tuval	Kalloufi	1960-05-25
4	Huan	Lortz	1960-07-20
5	Lucien	Rosenbaum	1960-07-23
6	Jeong	Reistad	1960-08-09
7	Margareta	Bierman	1960-09-06
8	Yishay	Tzvieli	1960-09-19
9	Patricio	Bridgland	1960-10-04
10	Zhongwei	Rosen	1960-12-17
11	Heping	Nitsch	1961-02-26
12	Basil	Tramer	1961-04-24
13	Kazuhito	Cappelletti	1961-05-02
14	Brendon	Bernini	1961-09-01
15	Mingsen	Casley	1961-09-21
16	Kshitij	Gils	1961-10-05
17	Breannda	Billingsley	1961-10-15
18	Anoosh	Peyn	1961-11-02
19	Divier	Reistad	1962-07-10
20	Tse	Herber	1962-10-19
21	Kenroku	Malabarba	1962-11-07
22	Somnath	Foote	1962-11-19
23	Charlene	Brattka	1962-11-26
24	Bader	Swan	1962-12-29
25	Sudharsan	Flasterstein	1963-03-21
26	Satosi	Awdeh	1963-04-14
27	Duangkaew	Piveteau	1963-06-01
28	Eberhardt	Terkki	1963-06-07
29	Florian	Syrotiuk	1963-07-11
30	Pradeep	Makrucki	1963-07-22
31	Parviz	Lortz	1963-09-09
32	Domenick	Tempesti	1963-11-26
33	Mona	Azuma	1964-04-18
34	Bezalel	Simmel	1964-06-02

3. **Seleccione los empleados de la tabla employees, con los nombres que empiecen por «Ma». Seleccione el nombre (first_name), apellido (last_name) y fecha de nacimiento (birth_date).**



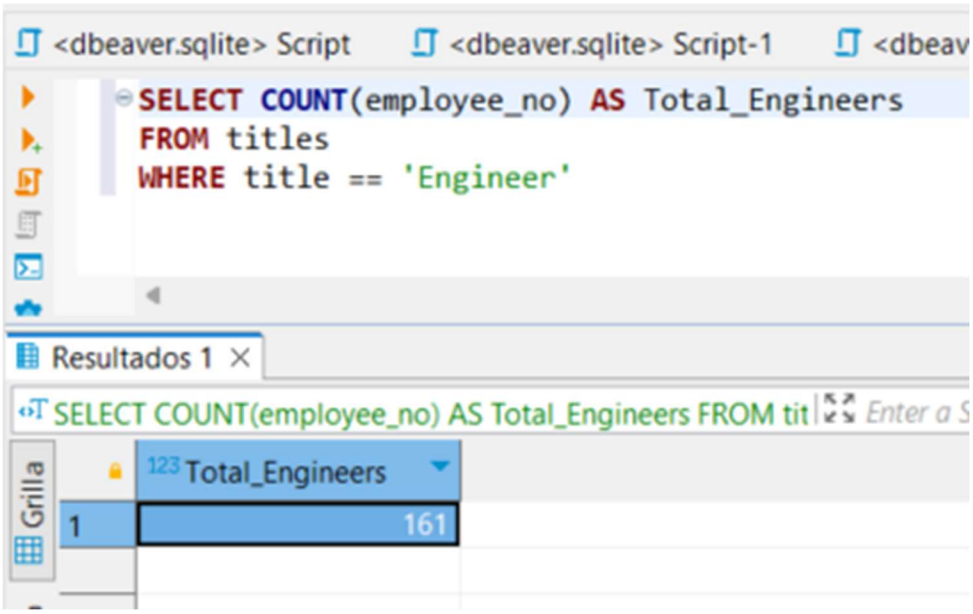
4. **Seleccione los ID de los empleados de la tabla Territories de los empleados que viven en Bogotá, Sao Pablo y Buenos Aires. Seleccione el ID (employee_no) y la ciudad (city) *.**



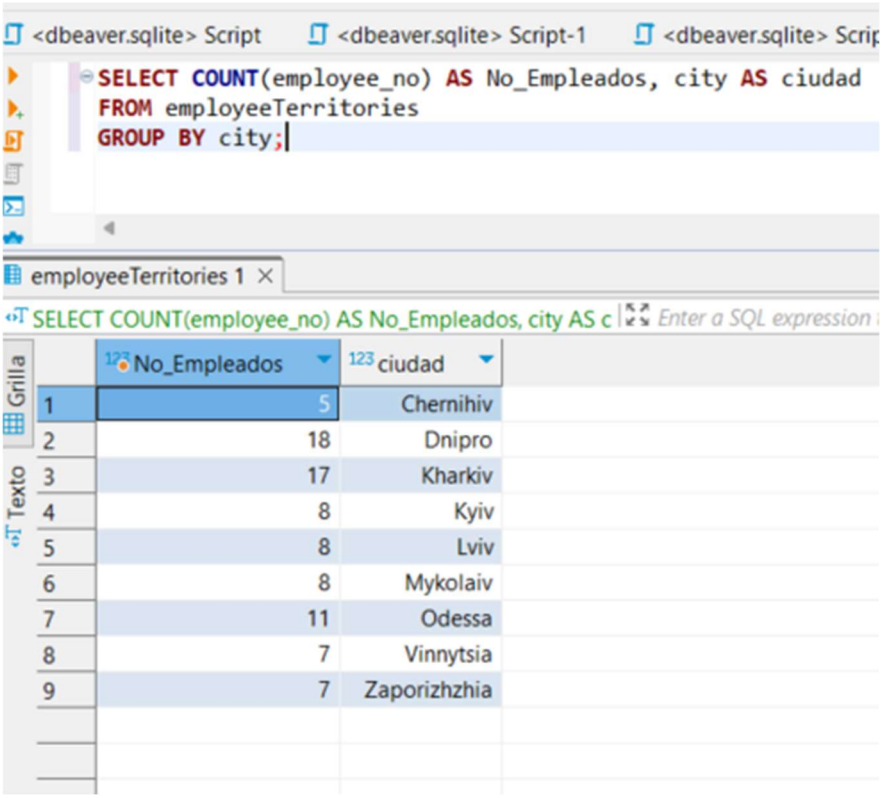


*No existen estas ciudades (Bogotá, Sao Pablo y Buenos Aires) en la BD de práctica.

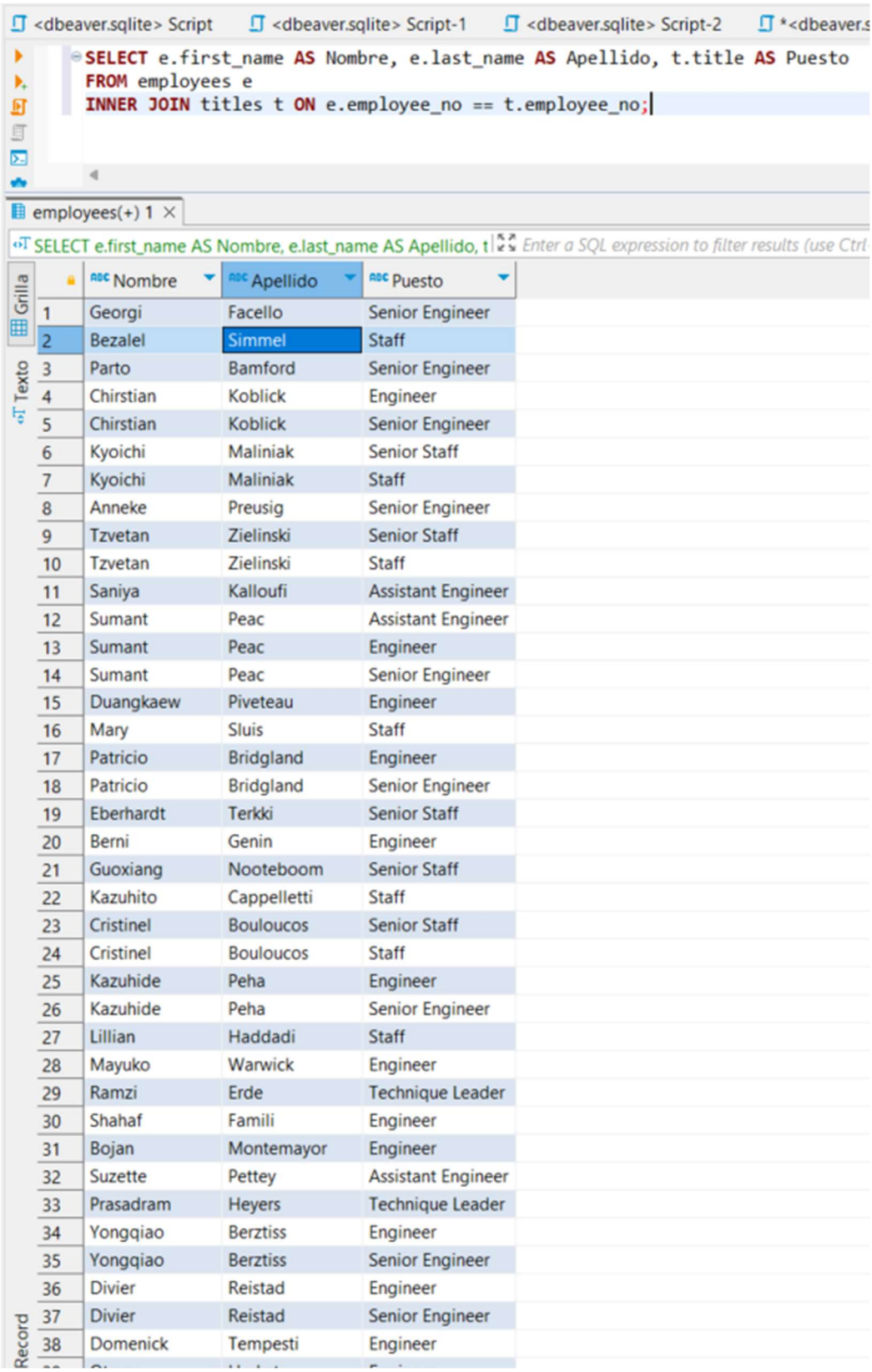
5. **Contabilice el número de empleados de la tabla titles que ocupan el puesto de (título) - "Engineer". Asigne a la columna resultante el nombre de "total engineers".**



6. **Imprima el número de empleados de cada ciudad de la tabla employeeTerritories. Solo incluya a las ciudades con más de 10 empleados. Imprima el número de empleados y el nombre de la ciudad.**

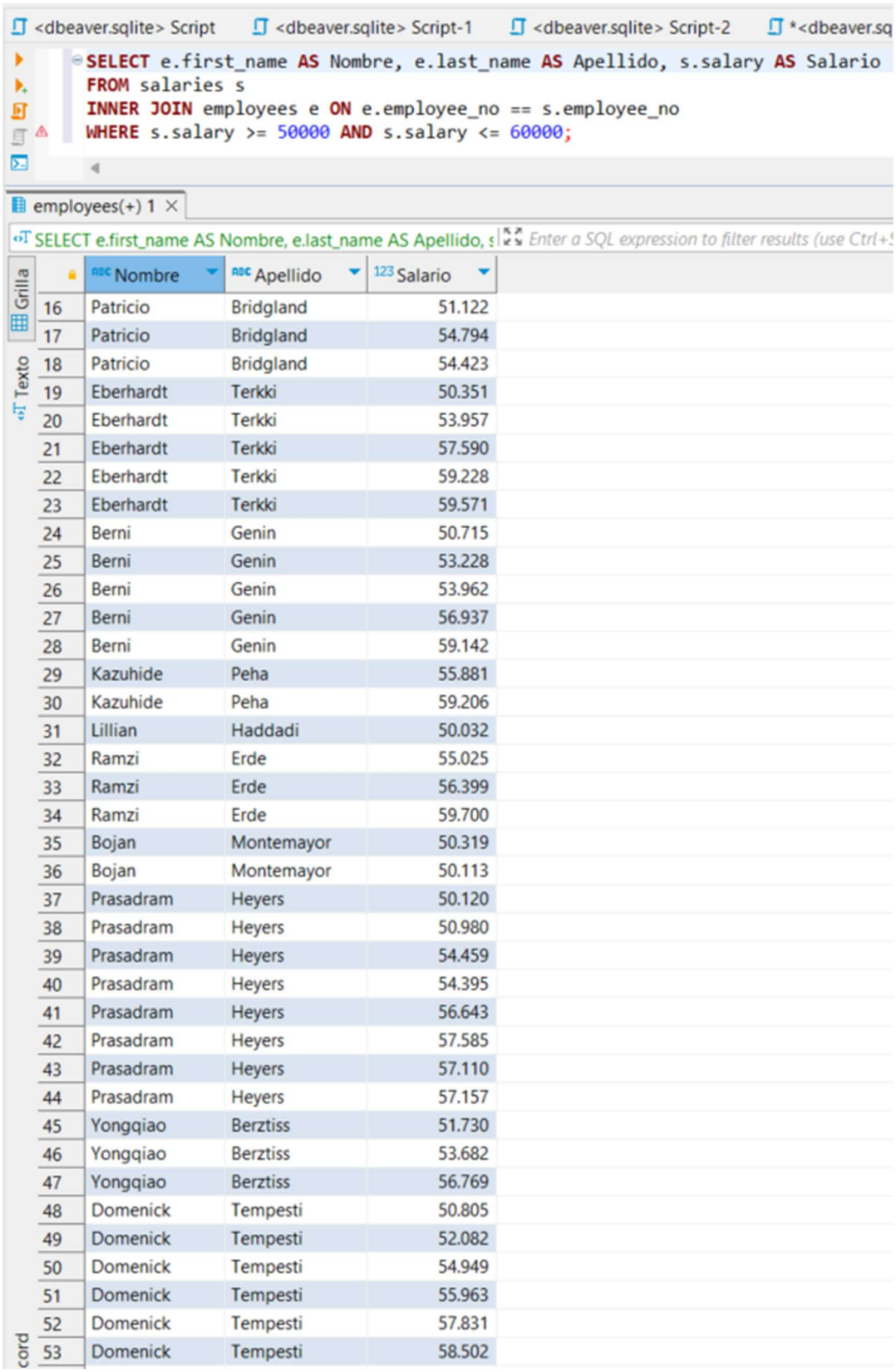


7. Seleccione el nombre y apellido de los empleados, sus puestos en la compañía. Imprima el nombre (first_name), el apellido (last_name) y el puesto (title) usando las tablas employees y titles.



	Nombre	Apellido	Puesto
1	Georgi	Facello	Senior Engineer
2	Bezalel	Simmel	Staff
3	Parto	Bamford	Senior Engineer
4	Chirstian	Koblick	Engineer
5	Chirstian	Koblick	Senior Engineer
6	Kyoichi	Maliniak	Senior Staff
7	Kyoichi	Maliniak	Staff
8	Anneke	Preusig	Senior Engineer
9	Tzvetan	Zielinski	Senior Staff
10	Tzvetan	Zielinski	Staff
11	Saniya	Kalloufi	Assistant Engineer
12	Sumant	Peac	Assistant Engineer
13	Sumant	Peac	Engineer
14	Sumant	Peac	Senior Engineer
15	Duangkaew	Piveteau	Engineer
16	Mary	Sluis	Staff
17	Patricio	Bridgland	Engineer
18	Patricio	Bridgland	Senior Engineer
19	Eberhardt	Terkki	Senior Staff
20	Berni	Genin	Engineer
21	Guoxiang	Nooteboom	Senior Staff
22	Kazuhito	Cappelletti	Staff
23	Cristinel	Bouloucos	Senior Staff
24	Cristinel	Bouloucos	Staff
25	Kazuhide	Peha	Engineer
26	Kazuhide	Peha	Senior Engineer
27	Lillian	Haddadi	Staff
28	Mayuko	Warwick	Engineer
29	Ramzi	Erde	Technique Leader
30	Shahaf	Famili	Engineer
31	Bojan	Montemayor	Engineer
32	Suzette	Pettey	Assistant Engineer
33	Prasadram	Heyers	Technique Leader
34	Yongqiao	Berztiss	Engineer
35	Yongqiao	Berztiss	Senior Engineer
36	Divier	Reistad	Engineer
37	Divier	Reistad	Senior Engineer
38	Domenick	Tempesti	Engineer

8. **Seleccione el nombre y apellido de los empleados con un salario de 50000 a 60000. Seleccione el nombre (first_name), apellido (last_name) y salario (salary) usando las tablas employees y salaries.**



	Nombre	Apellido	Salario
16	Patricio	Bridgland	51.122
17	Patricio	Bridgland	54.794
18	Patricio	Bridgland	54.423
19	Eberhardt	Terkki	50.351
20	Eberhardt	Terkki	53.957
21	Eberhardt	Terkki	57.590
22	Eberhardt	Terkki	59.228
23	Eberhardt	Terkki	59.571
24	Berni	Genin	50.715
25	Berni	Genin	53.228
26	Berni	Genin	53.962
27	Berni	Genin	56.937
28	Berni	Genin	59.142
29	Kazuhide	Peha	55.881
30	Kazuhide	Peha	59.206
31	Lillian	Haddadi	50.032
32	Ramzi	Erde	55.025
33	Ramzi	Erde	56.399
34	Ramzi	Erde	59.700
35	Bojan	Montemayor	50.319
36	Bojan	Montemayor	50.113
37	Prasadram	Heyers	50.120
38	Prasadram	Heyers	50.980
39	Prasadram	Heyers	54.459
40	Prasadram	Heyers	54.395
41	Prasadram	Heyers	56.643
42	Prasadram	Heyers	57.585
43	Prasadram	Heyers	57.110
44	Prasadram	Heyers	57.157
45	Yongqiao	Berztiss	51.730
46	Yongqiao	Berztiss	53.682
47	Yongqiao	Berztiss	56.769
48	Domenick	Tempesti	50.805
49	Domenick	Tempesti	52.082
50	Domenick	Tempesti	54.949
51	Domenick	Tempesti	55.963
52	Domenick	Tempesti	57.831
53	Domenick	Tempesti	58.502