

Zadanie domowe nr 12 -SQL i bazy danych

1. Proszę wybrać pracowników z Tabeli employees i uporządkować ich według daty zatrudnienia (hire_date) w kolejności malejącej.

The screenshot shows the DBeaver 23.2.4 interface. The SQL Editor contains the following query:

```
SELECT employee_no, first_name, last_name, hire_date FROM employees e ORDER BY hire_date DESC
```

The query results are displayed in a grid view, showing 26 rows of employee data sorted by hire_date in descending order. The first row is for employee 10019, Lillian Haddadi, hired on 1999-04-30. The last row is for employee 10059, Alejandro McAlpine, hired on 1991-06-26.

employee_no	first_name	last_name	hire_date
10019	Lillian	Haddadi	1999-04-30
10024	Suzette	Petty	1997-05-19
10084	Tuval	Kalloufi	1995-12-15
10022	Shahaf	Famili	1995-08-22
10026	Yongqiao	Bertziss	1995-03-20
10054	Mayumi	Schuelter	1995-03-13
10016	Kazuhito	Cappelletti	1995-01-27
10008	Saniya	Kalloufi	1994-09-15
10044	Mingsen	Casley	1994-05-21
10085	Kenroku	Malabarba	1994-04-09
10030	Elvis	Demeyer	1994-02-17
10017	Cristinel	Bouloucos	1993-08-03
10042	Magy	Stamatiou	1993-03-21
10040	Weiji	Meriste	1993-02-14
10012	Patricio	Bridgland	1992-12-18
10051	Hidefumi	Caine	1992-10-15
10046	Lucien	Rosenbaum	1992-06-20
10049	Basil	Tramer	1992-05-04
10055	Georgy	Dredge	1992-04-27
10057	Ebbe	Callaway	1992-01-15
10036	Adamantios	Portugali	1992-01-03
10073	Shir	McClurg	1991-12-01
10028	Domenick	Tempesti	1991-10-22
10031	Karsten	Joslin	1991-09-01
10062	Anoosh	Peyn	1991-08-30
10059	Alejandro	McAlpine	1991-06-26

2. Proszę wybrać pracowników z Tabeli employees, którzy są urodzeni po 1960 roku (włącznie).

The screenshot shows the DBeaver 23.2.5 interface. The SQL Editor contains the following query:

```
SELECT employee_no, first_name, last_name, birth_date FROM employees e WHERE birth_date LIKE '1960%'
```

The query results are displayed in a grid view, showing 25 rows of employee data filtered by birth_date. The first row is for employee 10002, Bezael Simmel, born on 1964-06-02. The last row is for employee 10069, Margaret Bierman, born on 1960-09-06.

employee_no	first_name	last_name	birth_date
10002	Bezael	Simmel	1964-06-02
10010	Duangkaew	Piveteau	1963-06-01
10012	Patricio	Bridgland	1960-10-04
10013	Eberhardt	Terki	1963-06-07
10016	Kazuhito	Cappelletti	1961-05-02
10021	Ramzi	Erde	1960-02-20
10027	Divier	Reistad	1962-07-10
10028	Domenick	Tempesti	1963-11-26
10032	Jeong	Reistad	1960-08-09
10034	Bader	Swan	1962-12-29
10037	Pradeep	Makrucki	1963-07-22
10038	Huan	Lortz	1960-07-20
10043	Yishay	Tzivieli	1960-09-19
10044	Mingsen	Casley	1961-09-21
10046	Lucien	Rosenbaum	1960-07-23
10048	Florian	Syrotiuk	1963-07-11
10049	Basil	Tramer	1961-04-24
10052	Heping	Nitsch	1961-02-26
10056	Brendon	Bernini	1961-09-01
10060	Breanna	Billingsley	1961-10-15
10061	Tse	Herber	1962-10-19
10062	Anoosh	Peyn	1961-11-02
10065	Satoshi	Awdeh	1963-04-14
10068	Charlene	Brattka	1962-11-26
10069	Margaret	Bierman	1960-09-06

3. Proszę wybrać pracowników z Tabeli employees, których imię zaczyna się od «Ma».

The screenshot shows the DBeaver 23.2.5 interface. The SQL Editor contains the query: `SELECT employee_no, first_name, last_name, birth_date FROM employees e WHERE first_name LIKE 'Ma%'`. The Database Navigator on the left shows the 'employees' table selected. The Results panel displays the following data:

employee_no	first_name	last_name	birth_date
10,011	Mary	Sluis	1953-11-07
10,020	Mayuko	Warwick	1952-12-24
10,042	Magy	Stamatiou	1956-02-26
10,054	Mayumi	Schueler	1957-04-04
10,069	Margareta	Bierman	1960-09-06

4. Proszę wybrać identyfikator pracowników z Tabeli employee Territories, którzy mieszkają w Kijowie, Dnieprze i Lwowie.

The screenshot shows the DBeaver 23.2.5 interface. The SQL Editor contains the query: `SELECT employee_no, city FROM employeeTerritories et WHERE city = 'Kyiv' OR city = 'Dnipro' OR city = 'Lviv'`. The Database Navigator on the left shows the 'employeeTerritories' table selected. The Results panel displays the following data:

employee_no	city
10,002	Dnipro
10,004	Dnipro
10,005	Kyiv
10,006	Lviv
10,007	Kyiv
10,009	Dnipro
10,014	Dnipro
10,016	Kyiv
10,018	Dnipro
10,020	Lviv
10,022	Dnipro
10,025	Dnipro
10,029	Dnipro
10,032	Lviv
10,033	Dnipro
10,040	Kyiv
10,042	Lviv
10,050	Dnipro
10,054	Dnipro
10,057	Lviv
10,059	Kyiv
10,060	Dnipro

5. Proszę wyświetlić liczbę pracowników dla każdego miasta z Tabeli employee Territories. Uwzględni tylko miasta zatrudniające ponad 10 pracowników.

The screenshot shows the DBeaver 23.2.5 interface. The SQL Editor contains the following query:

```
SELECT COUNT (employee_no), city FROM employeeTerritories et GROUP BY city HAVING COUNT(employee_no) > 10
```

The Results tab displays the following data:

	COUNT (employee_no)	city
1	18	Dnipro
2	17	Kharkiv
3	11	Odessa

The status bar at the bottom indicates: 3 row(s) fetched - 1ms, on 2023-11-26 at 12:03:25.

6. Proszę wybrać imię i nazwisko pracowników, ich stanowiska w firmie.

The screenshot shows the DBeaver 23.2.5 interface. The SQL Editor contains the following query:

```
SELECT employees.first_name,last_name, titles.title FROM employees JOIN titles ON employees.employee_no = titles.employee_no
```

The Results tab displays the following data:

	first_name	last_name	title
1	Georgi	Facello	Senior Engineer
2	Bezalel	Simmel	Staff
3	Parto	Bamford	Senior Engineer
4	Christian	Koblick	Engineer
5	Christian	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

The status bar at the bottom indicates: 134 row(s) fetched - 1ms (1ms fetch), on 2023-11-26 at 13:52:56.