LAPORAN TUGAS SYNCHRONOUS 3

Untuk Memenuhi Tugas Synchronous 3

SQL Query – Query Practice

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Disusun oleh :

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DATA SCIENCE BASIC

CELERATES ACCELERATION

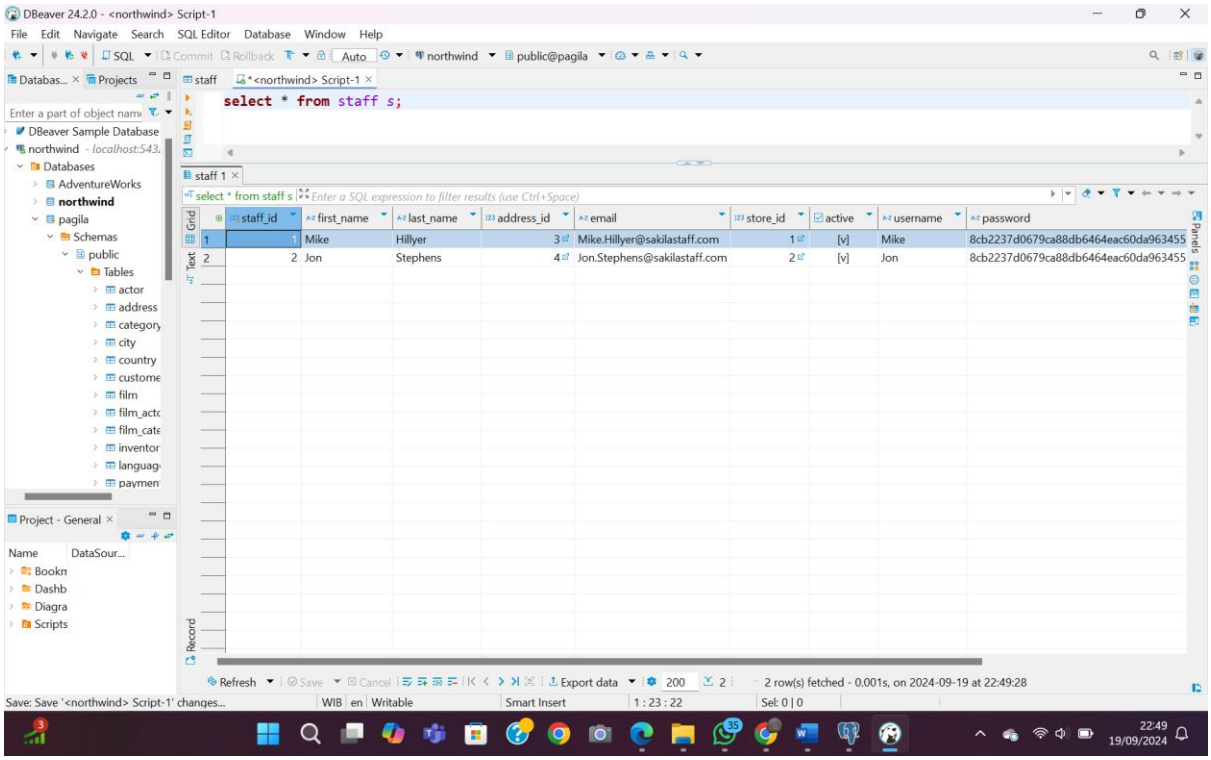
PROGRAM

2024

Hal 9 : Database Pagila

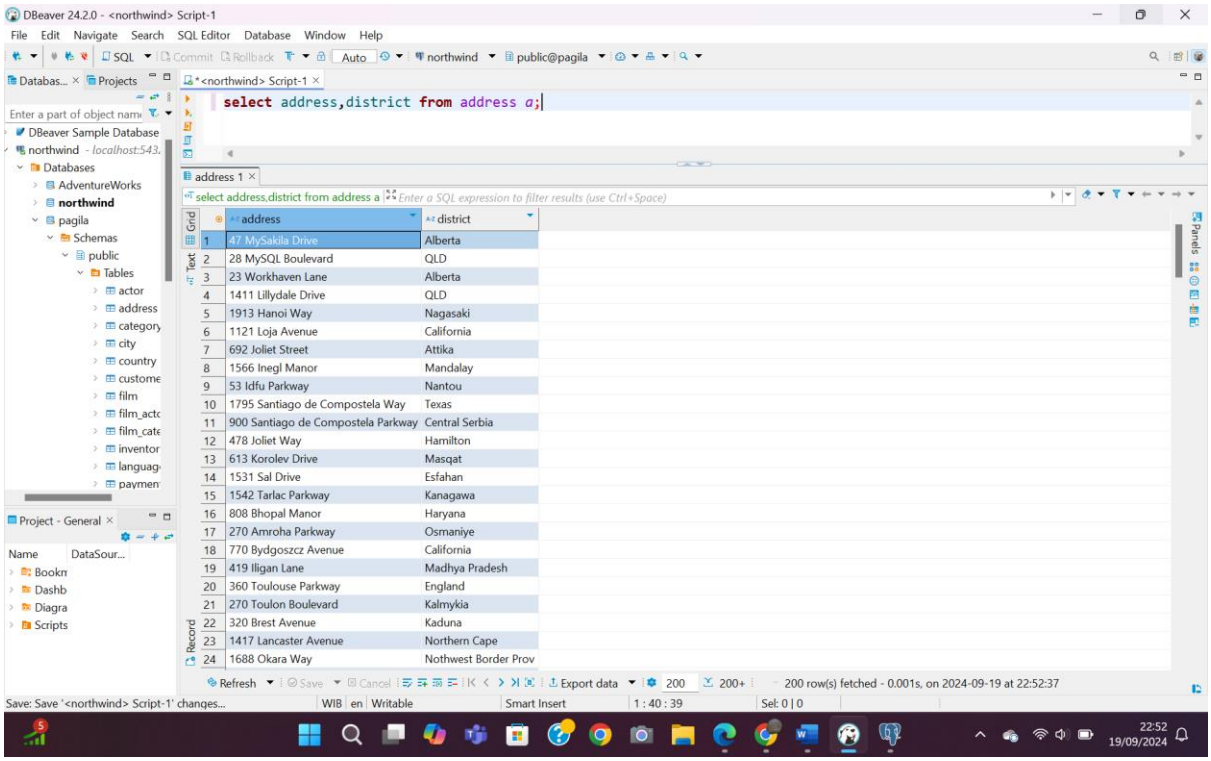
1. Show all fields and records from the staff table

```
select * from staff s;
```



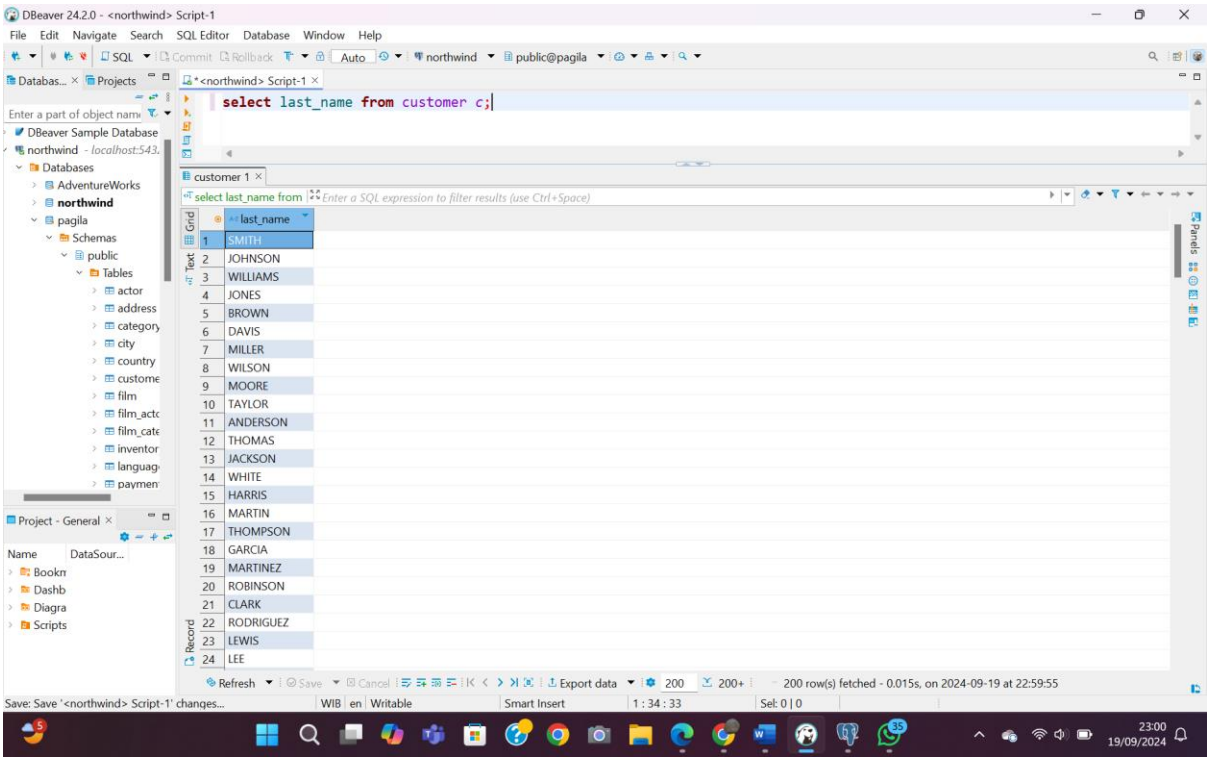
2. Show address and district columns from address table

```
select address,district from address a;
```



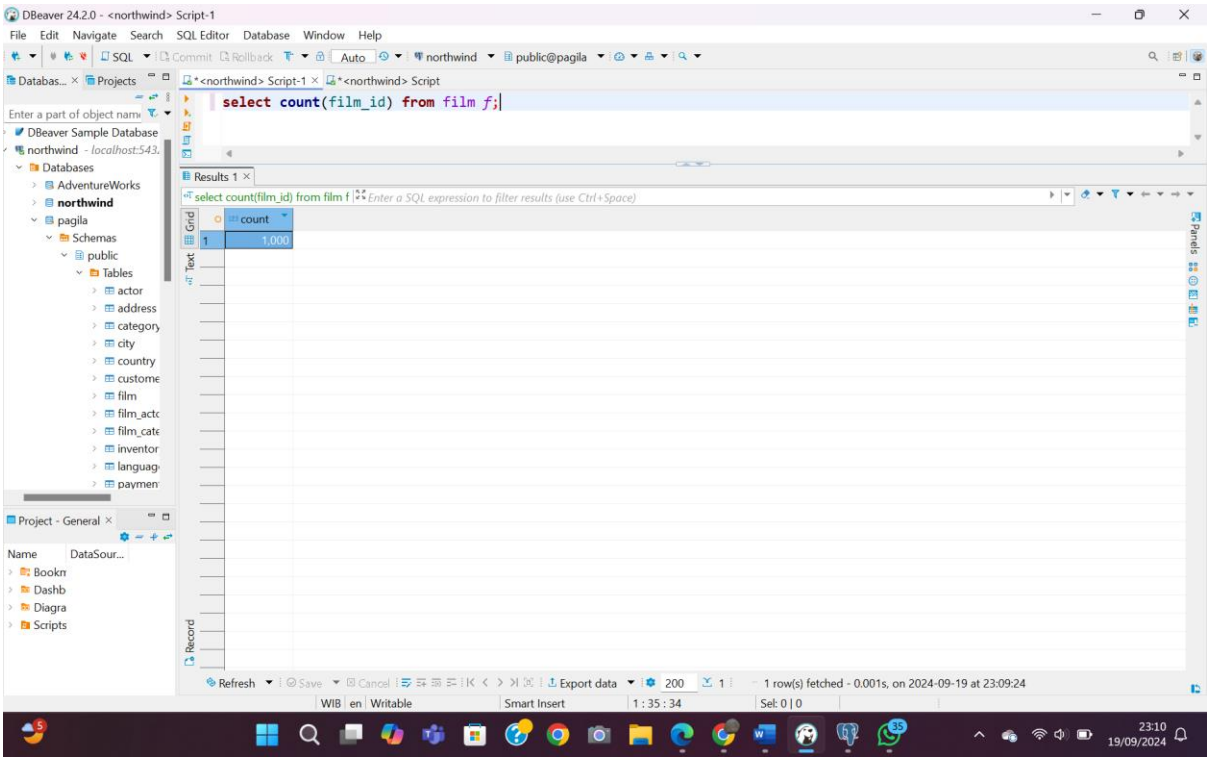
3. Show all the distinct last names from customer table

```
select last_name from customer c;
```



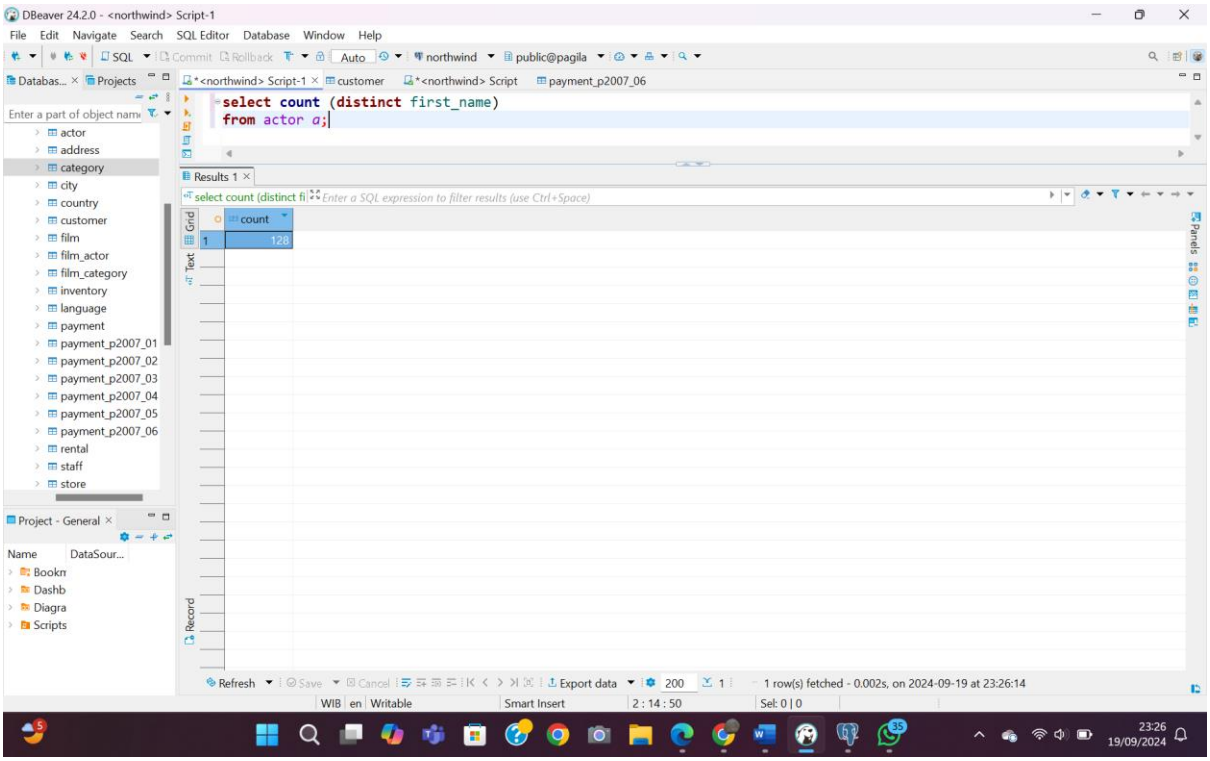
4. Find the number of films

```
select count(film_id) from film f;
```



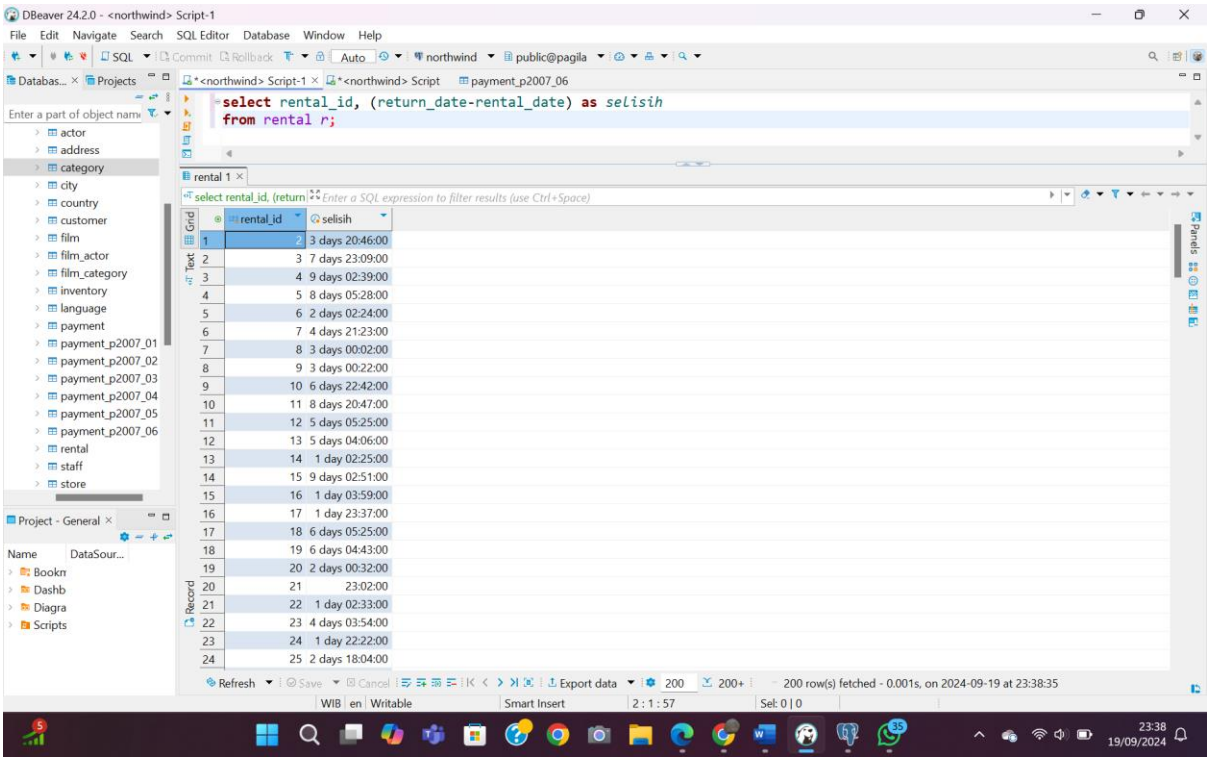
5. Find the number of distinct first names in actor table

```
select count (distinct first_name) from actor a;
```



6. Show the data rental_id and the difference between return_date and rental_date in rental table

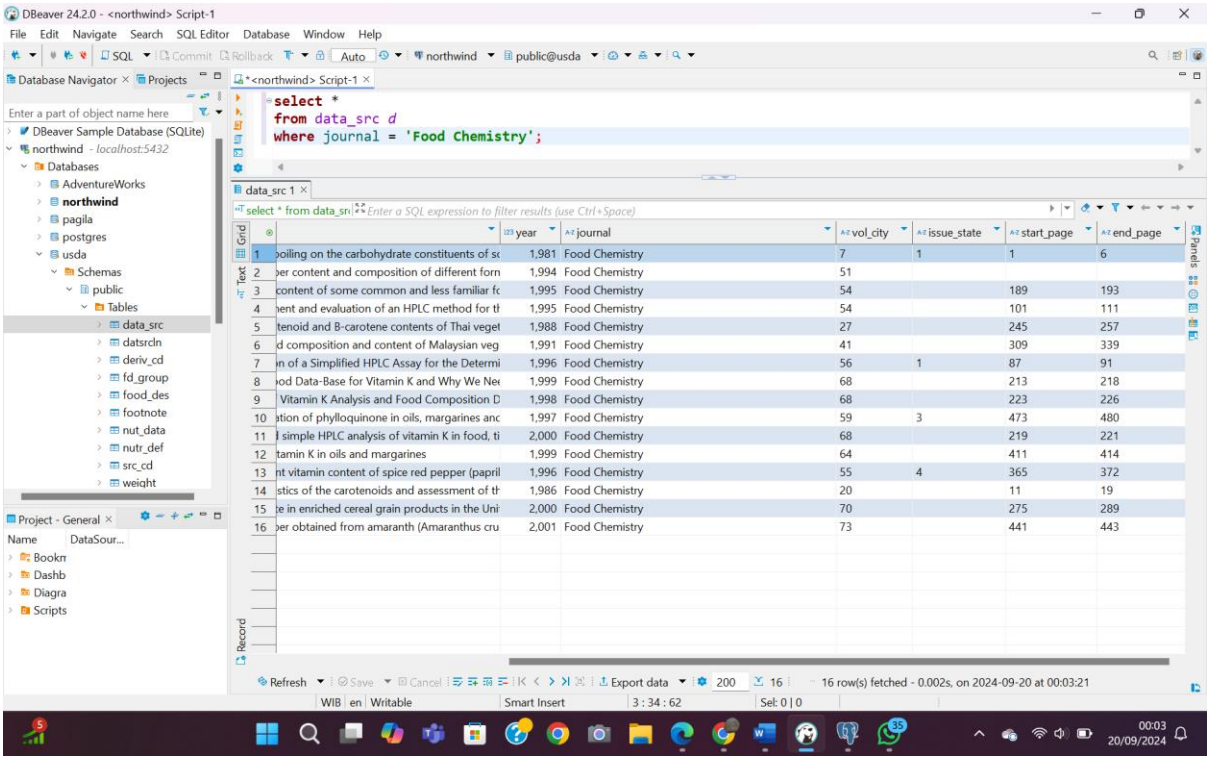
```
select rental_id, (return_date-rental_date) as selisih from rental r;
```



Hal 17 : Database Usda

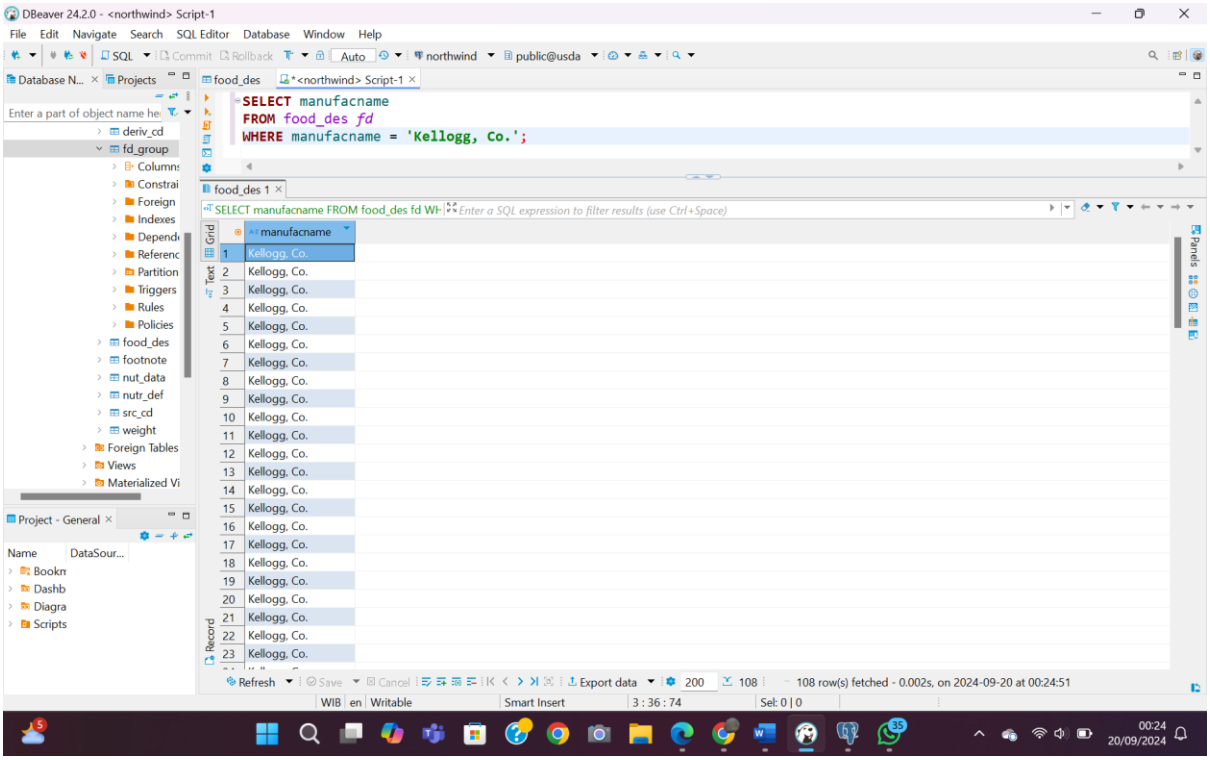
1. Select all records from data_src which came from the journal named ‘Food Chemistry’

```
select * from data_src d where journal = 'Food Chemistry';
```



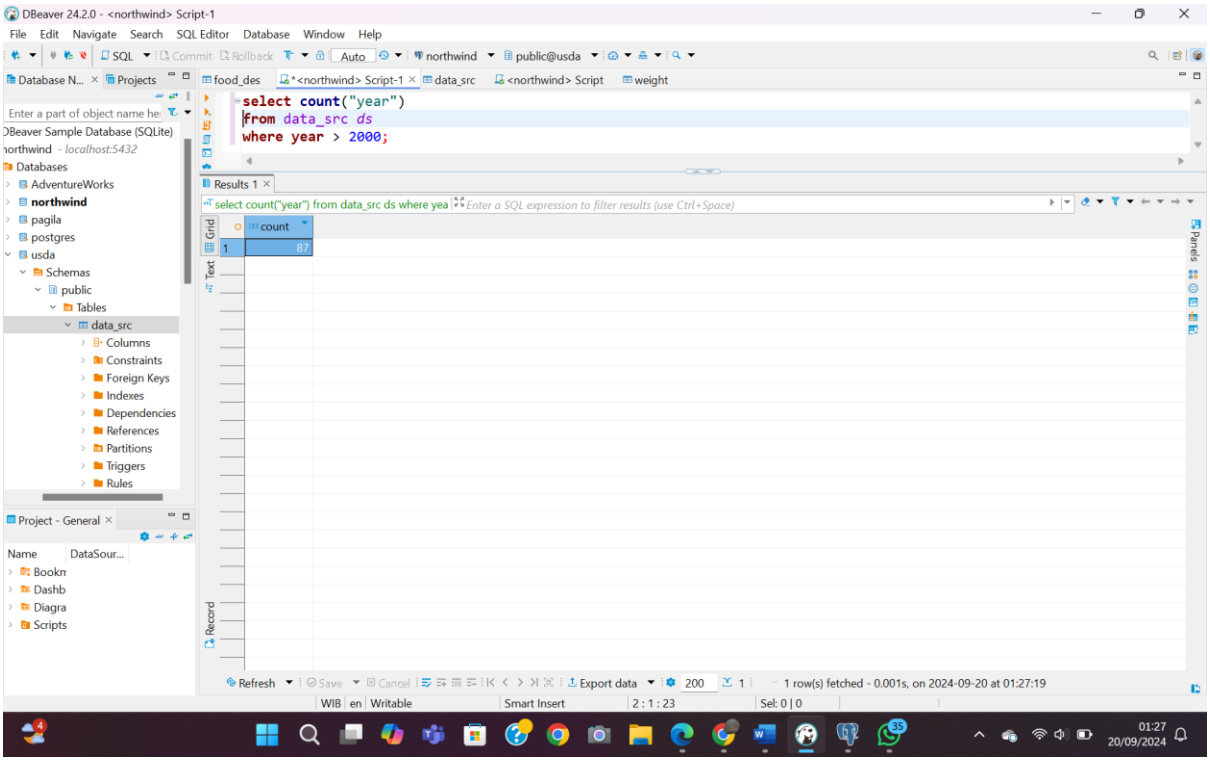
2. Find all the food descriptions (food_des) records for manufacturer Kellogg, Co. (must include punctuation for exact match)

```
SELECT manufacname FROM food_des fd WHERE manufacname = 'Kellogg, Co.';
```



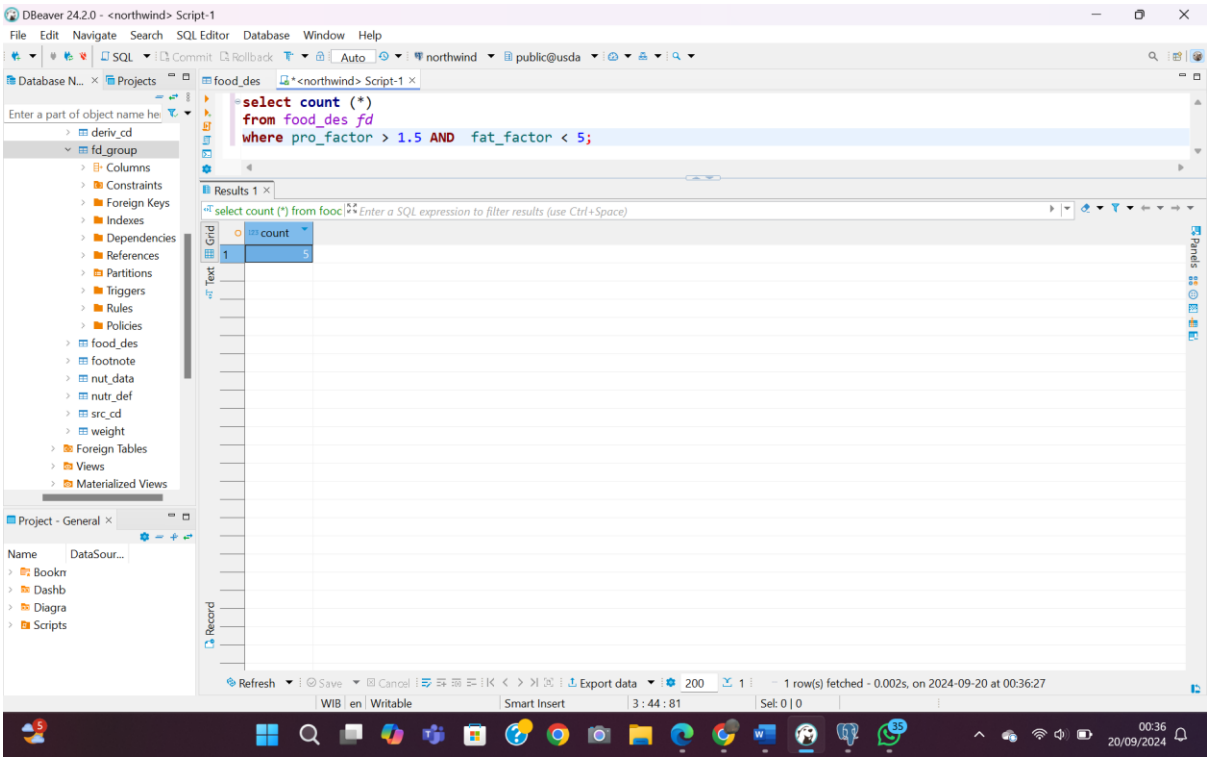
3. Find the number of records in data sources (data_src) that were published after year 2000 (it is numeric field)

```
select count("year") from data_src ds where "year" > 2000;
```



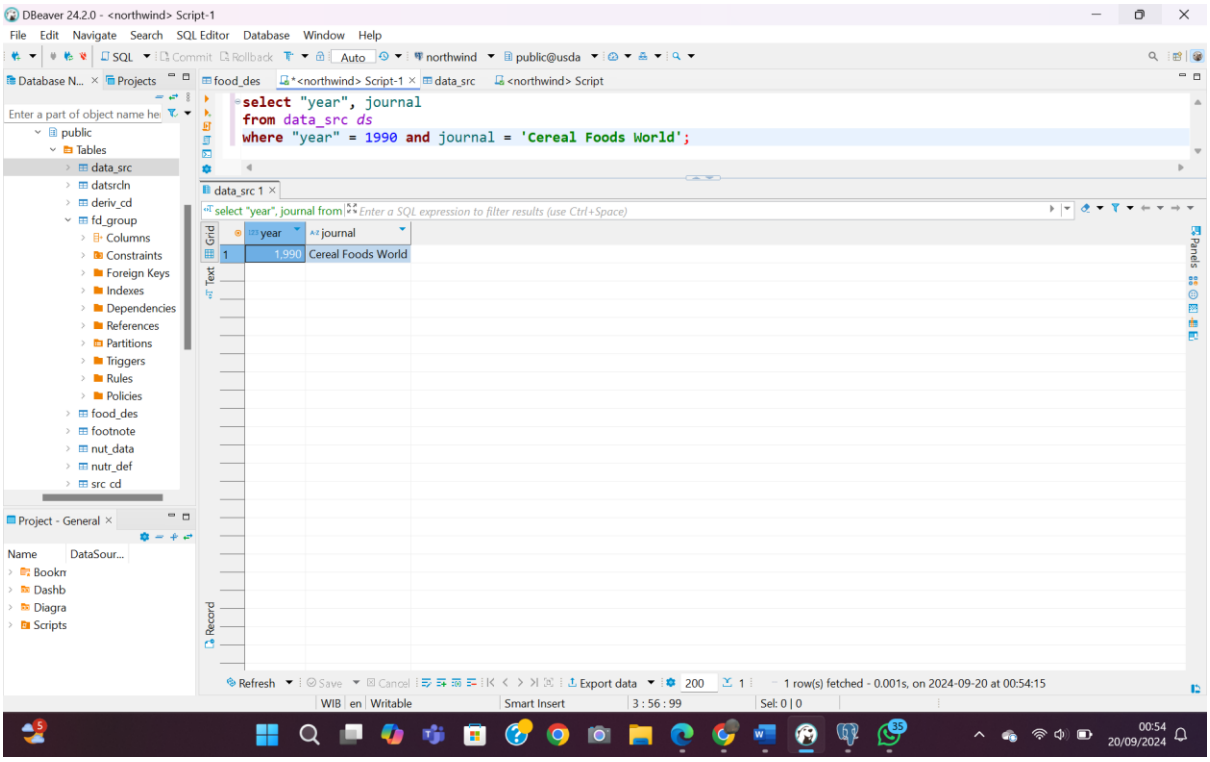
4. Find the number of records in food description table that have pro_factor greater than 1.5 and fat_factor less than 5

```
select count (*) from food_des fd where pro_factor > 1.5 AND  fat_factor
< 5;
```



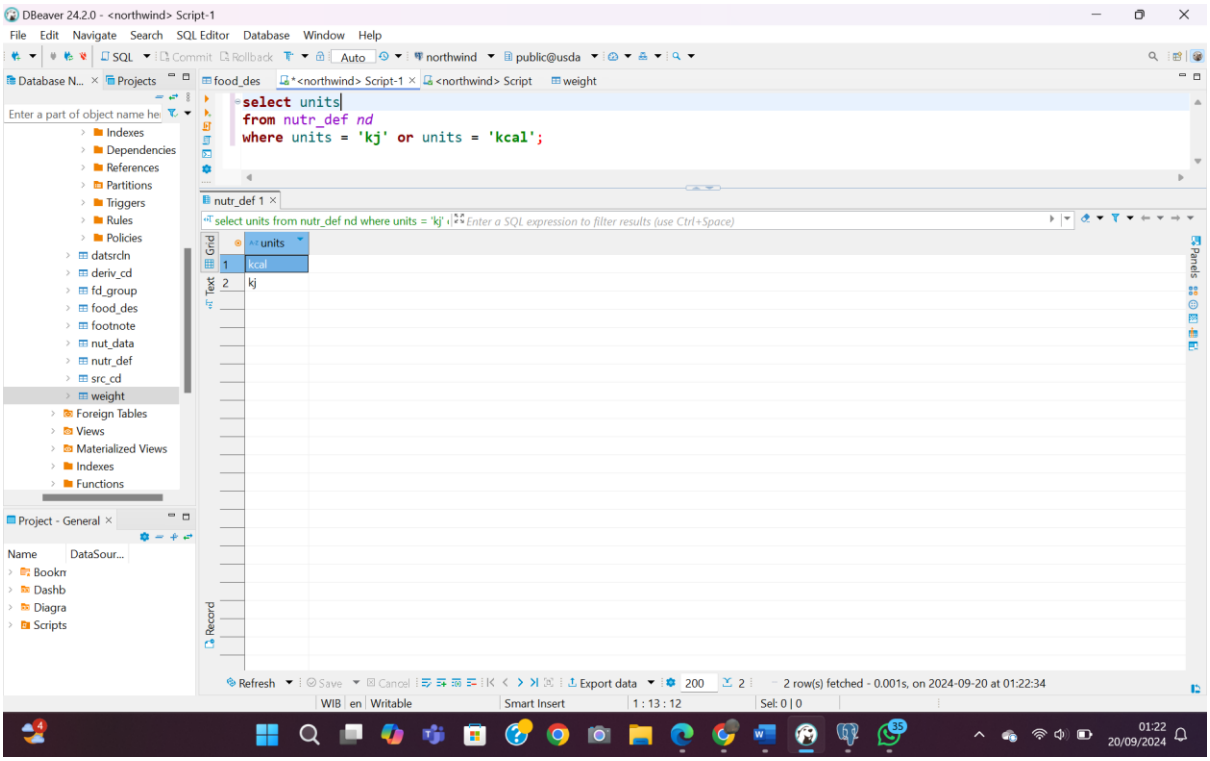
5. Find the record in data source table that is from year 1990 and the journal Cereal Foods World

```
select "year", journalfrom data_src dswhere "year" = 1990 and journal = 'Cereal Foods World';
```



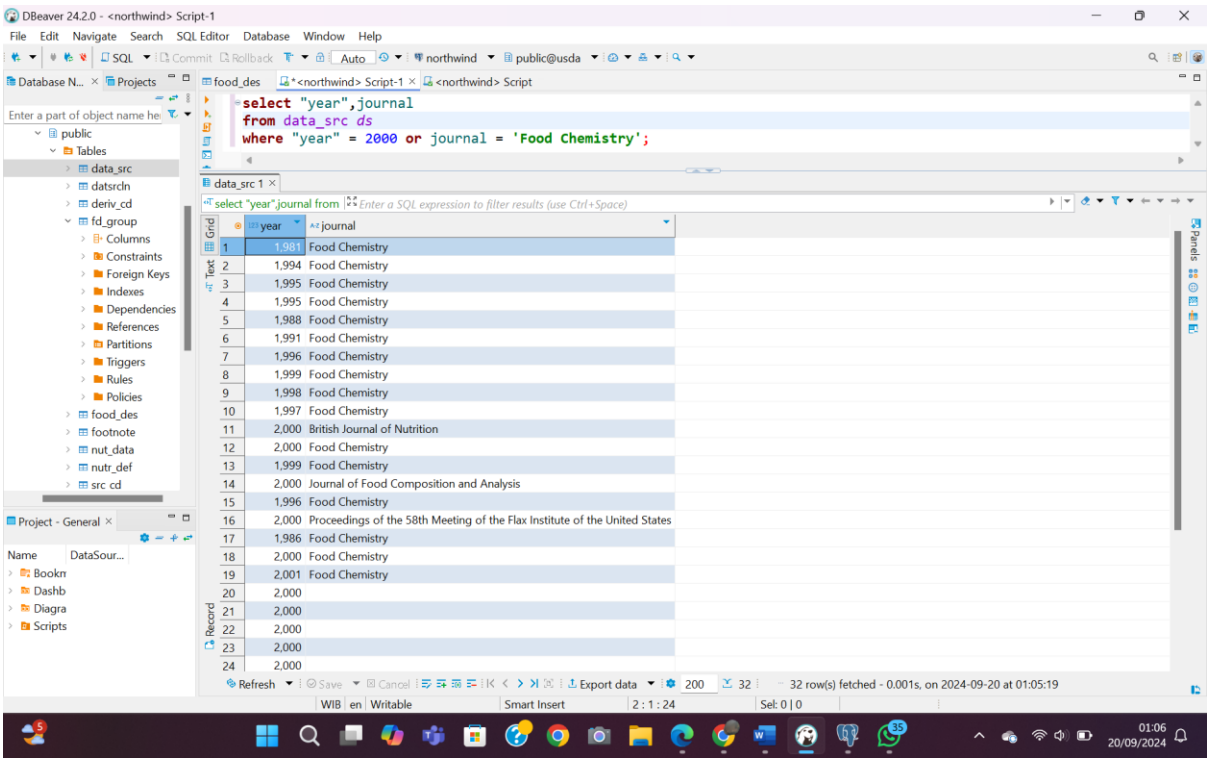
6. Select the records in nutr_def table (nutrition definitions) that have units of kj of kcal

```
select units from nutr_def nd where units = 'kj' or units = 'kcal';
```



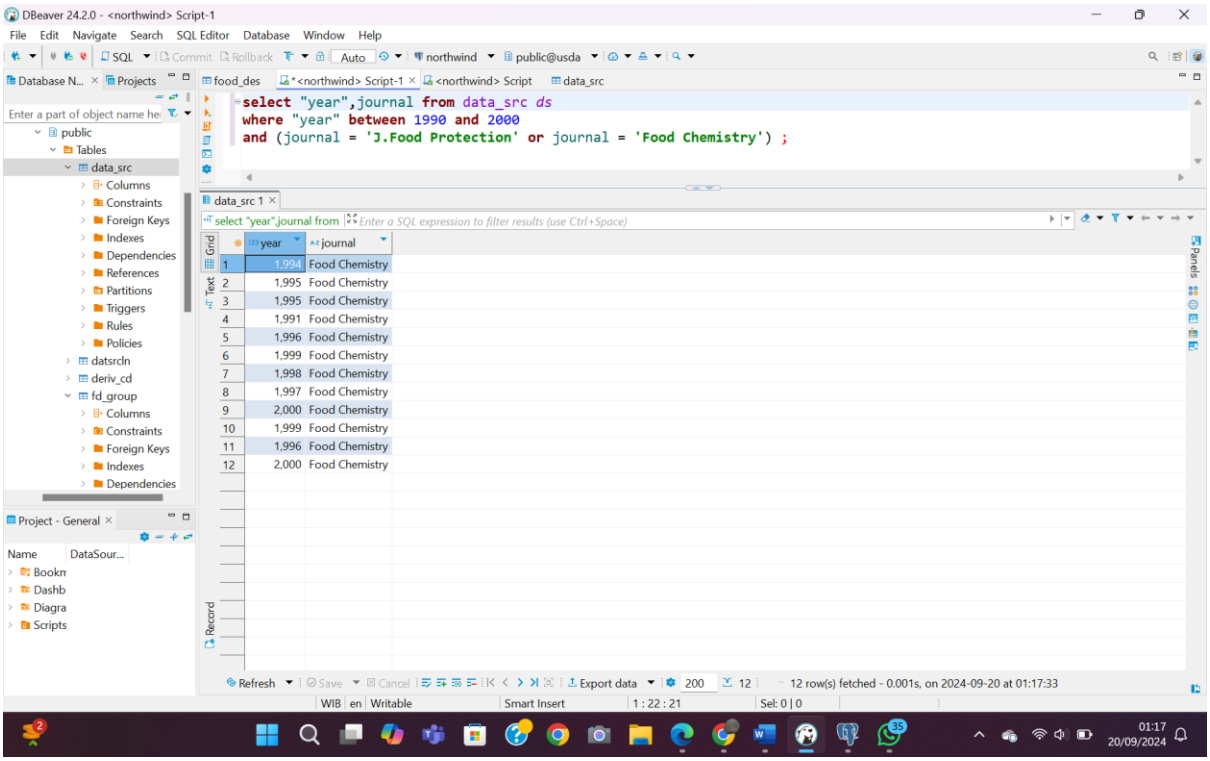
7. Select all records from data source table (data_src) that where from the year 2000 or the journal Food Chemistry

```
select "year",journal from data_src ds where "year" = 2000 or journal
= 'Food Chemistry';
```



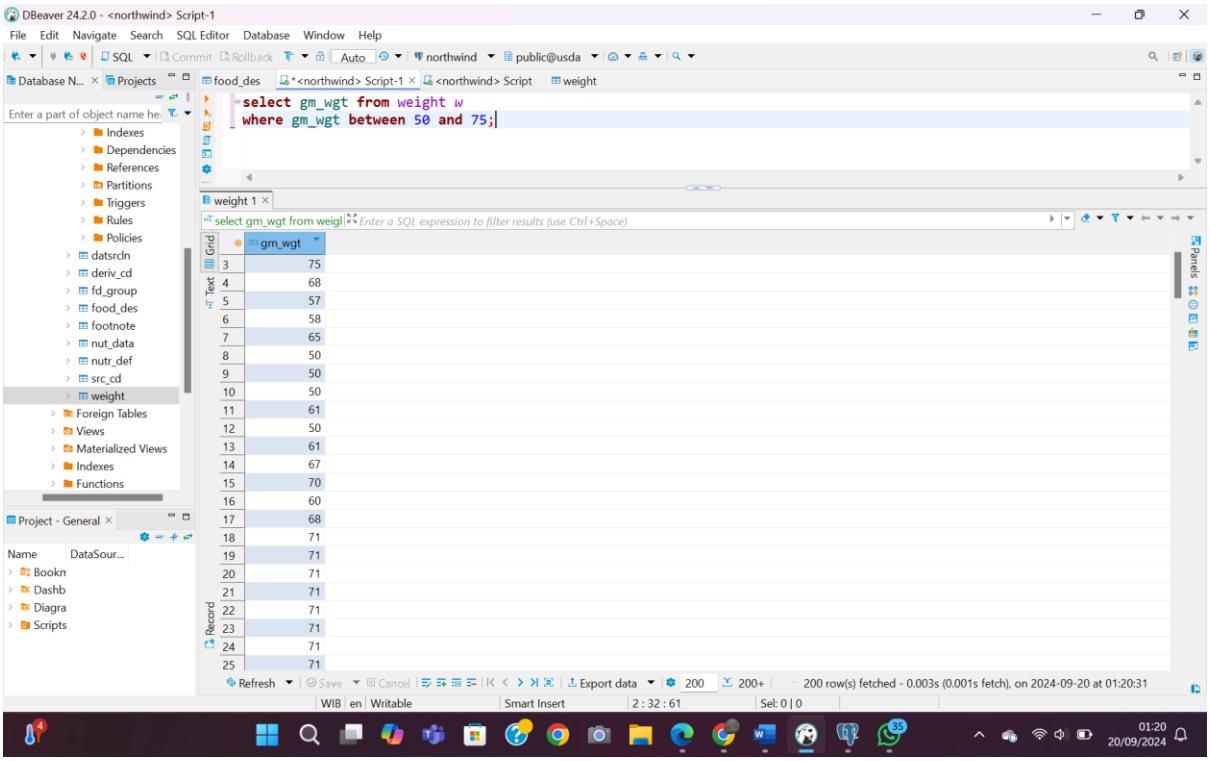
8. Find all the records in data sources that where between 1990 and 2000 and either ‘J. Food Protection’ or ‘Food Chemistry’

```
select "year", journal from data_src dswhere "year" between 1990 and
2000 and (journal = 'J.Food Protection' or journal = 'Food Chemistry');
```



9. Use BETWEEN syntax to find number of weight records that weight between 50 and 75 grams (gm_wgt)

```
select gm_wgt from weight w where gm_wgt between 50 and 75;
```



10. Select all records from the data source table that were published in years 1960, 1970, 1980, 1990 and 2000. Use the IN syntax

```
select "year" from data_src ds where "year" IN (1960, 1970, 1980, 2000)
```