**LAPORAN TUGAS SYNCHRONOUS 3**

Untuk Memenuhi Tugas Synchronous 3

SQL Query – Query Practice



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**DATA SCIENCE BASIC**

**CELERATES ACCELERATION**

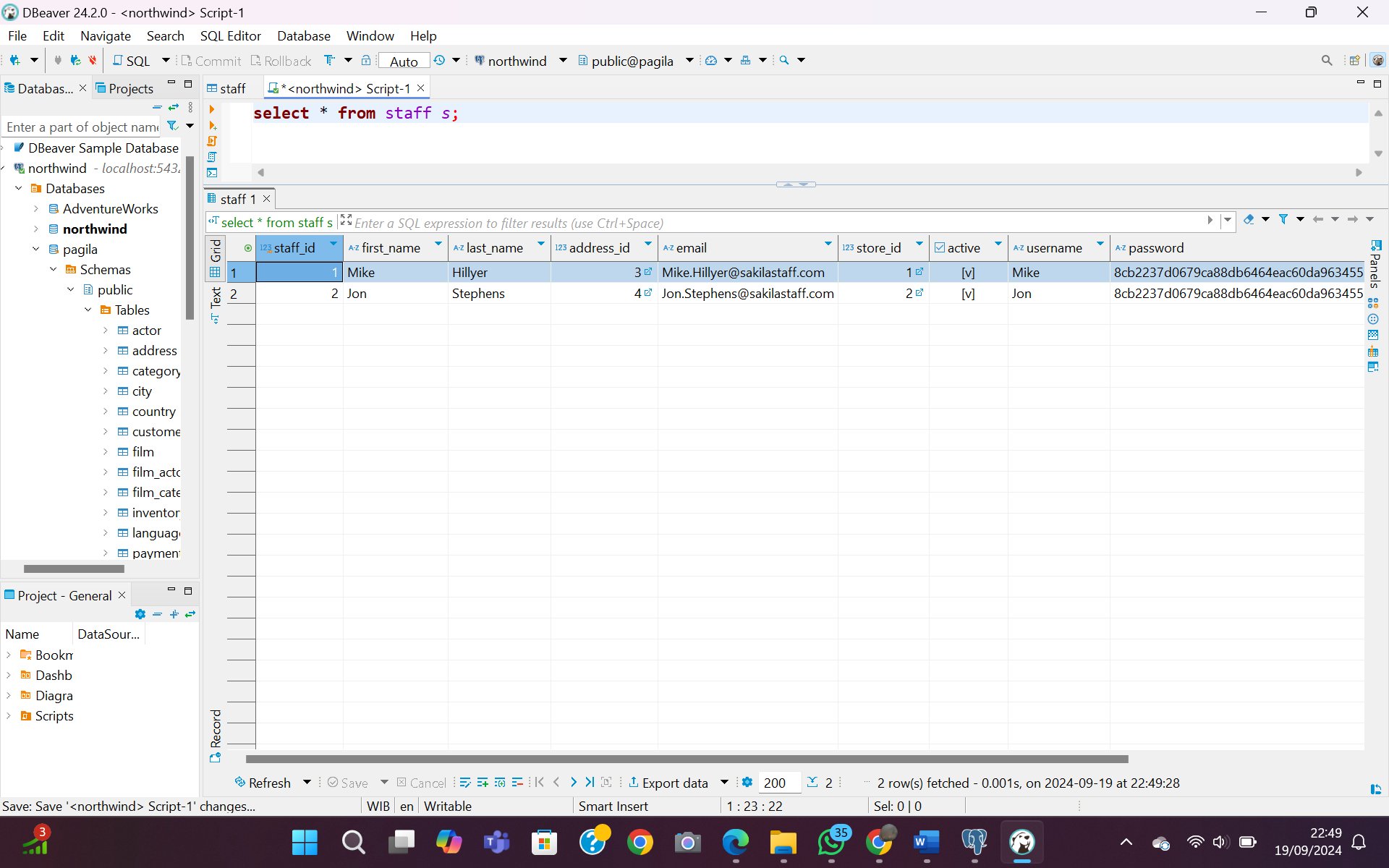
**PROGRAM**

**2024**

**Hal 9 : Database Pagila**

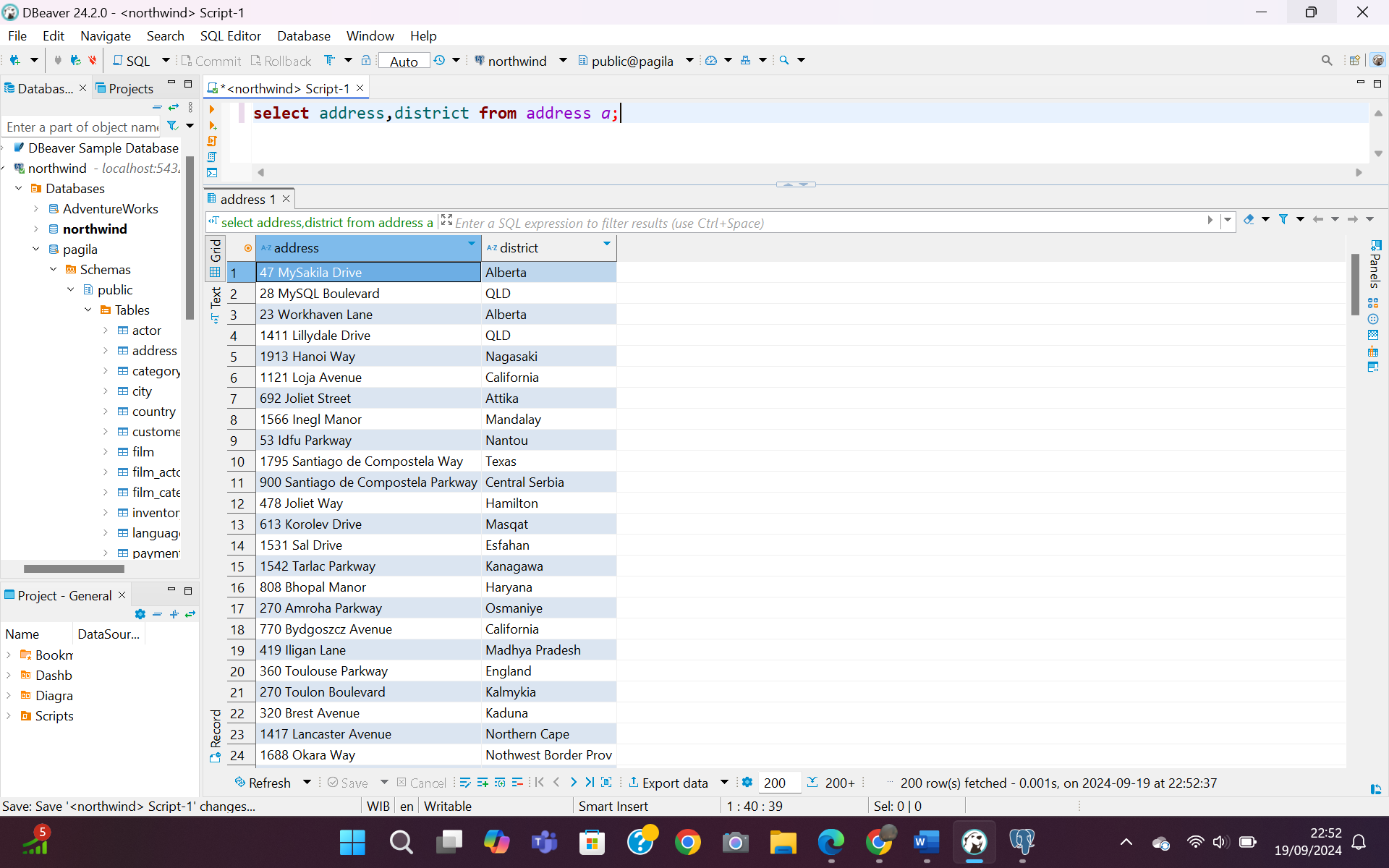
1. Show all fields and records from the staff table

**select** \* **from** staff *s*;



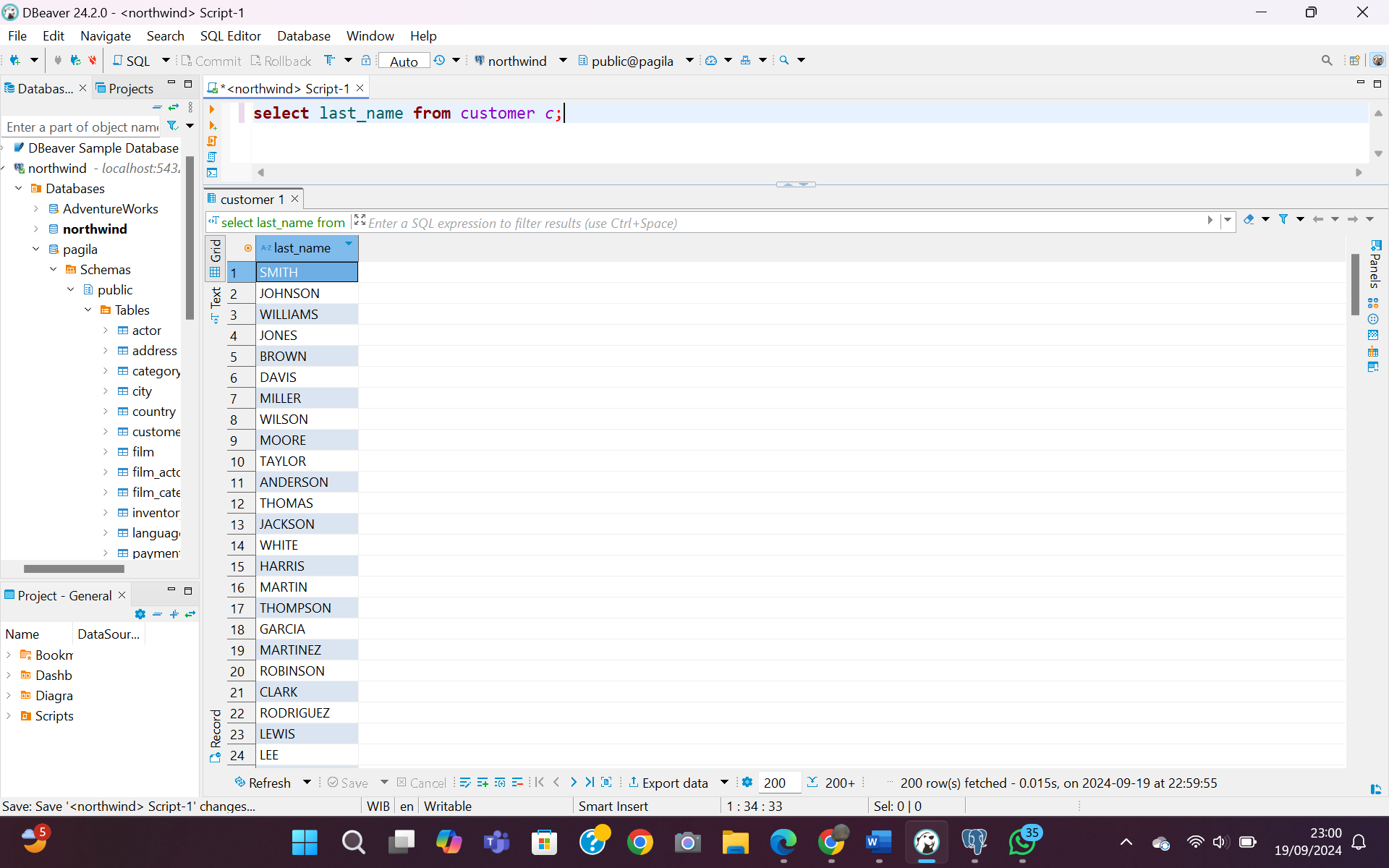
1. Show address and district columns from address table

**select** address,district **from** address *a*;



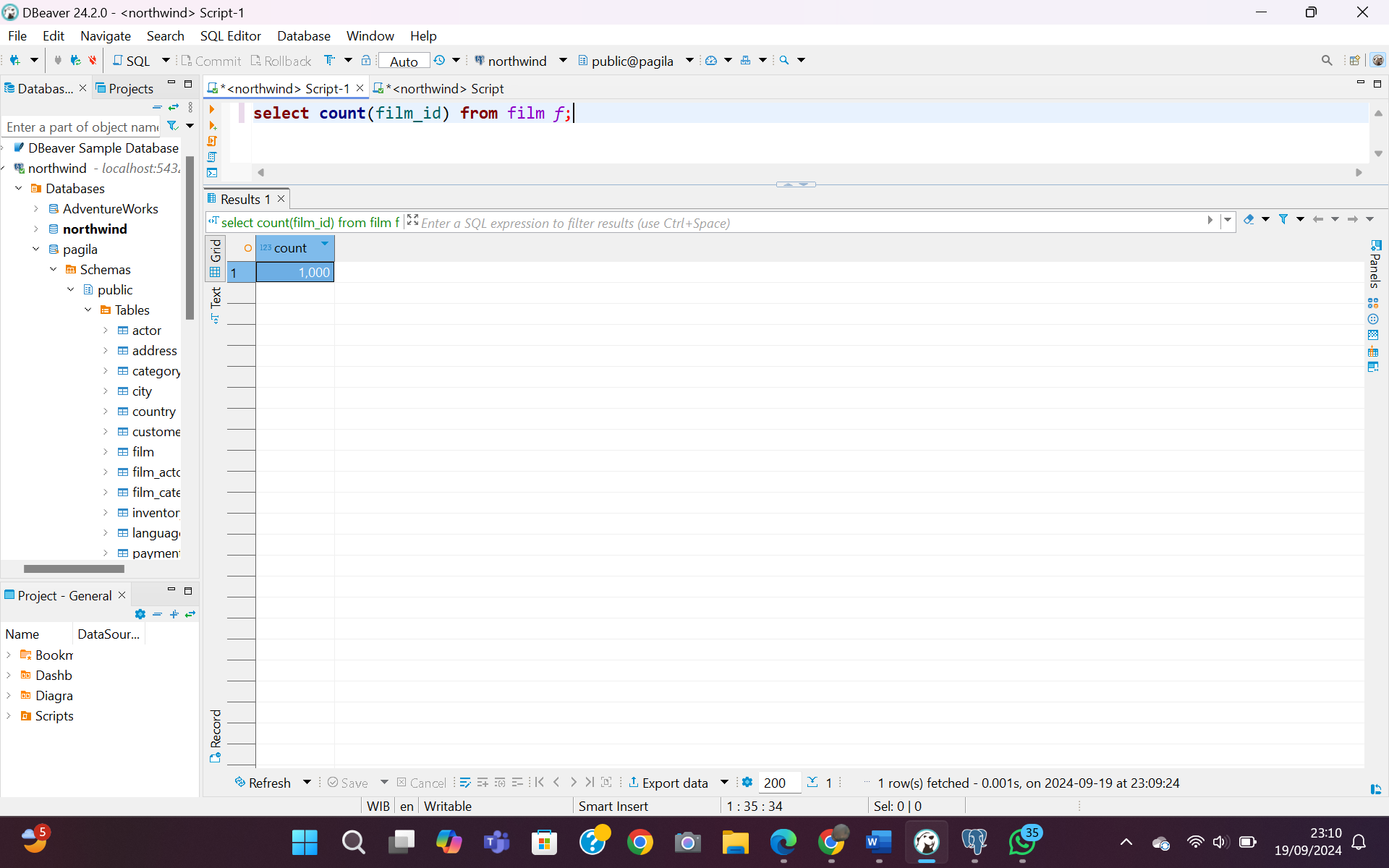
1. Show all the distinct last names from customer table

**select** last\_name **from** customer *c*;



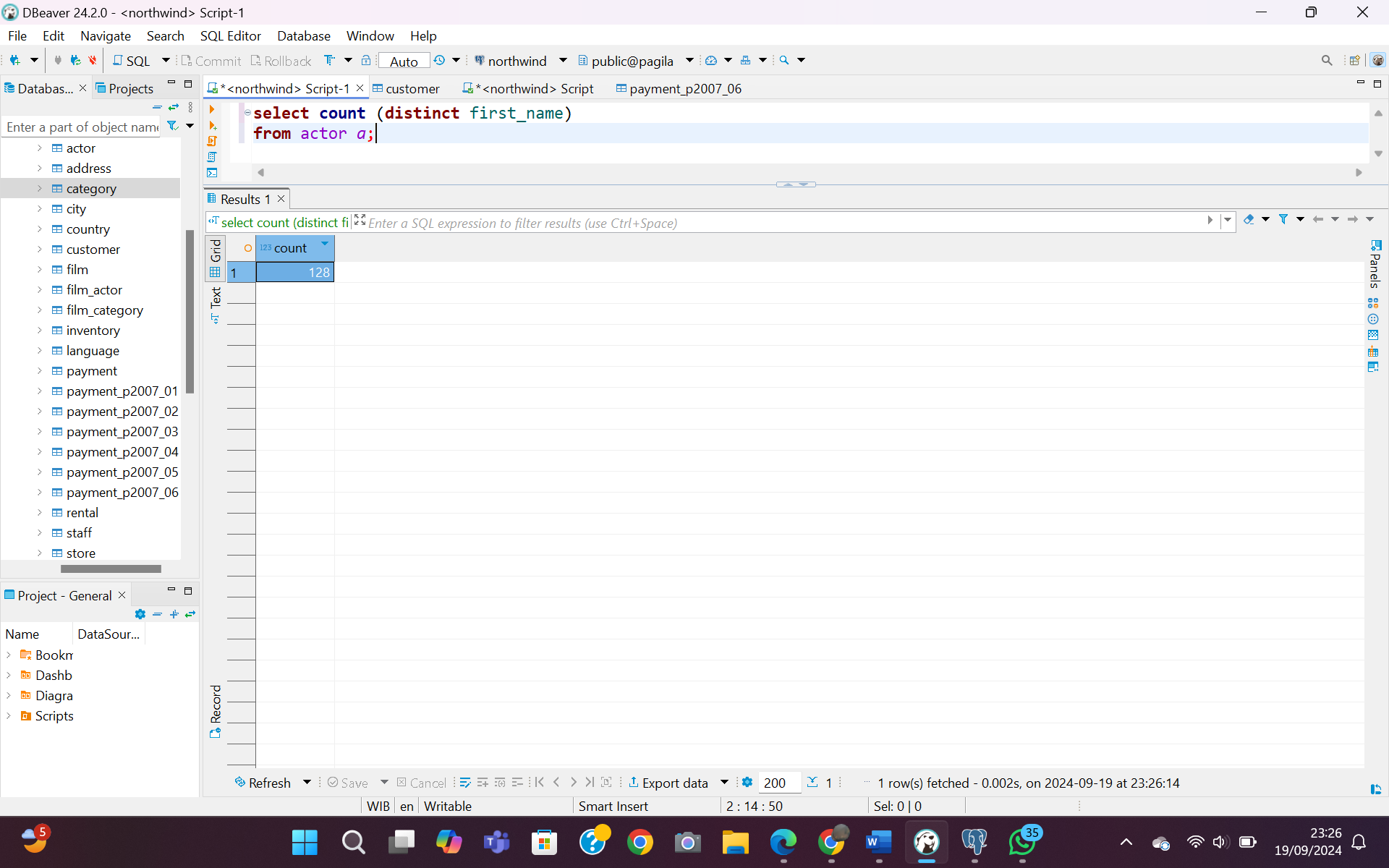
1. Find the number of films

**select** **count**(film\_id) **from** film *f*;



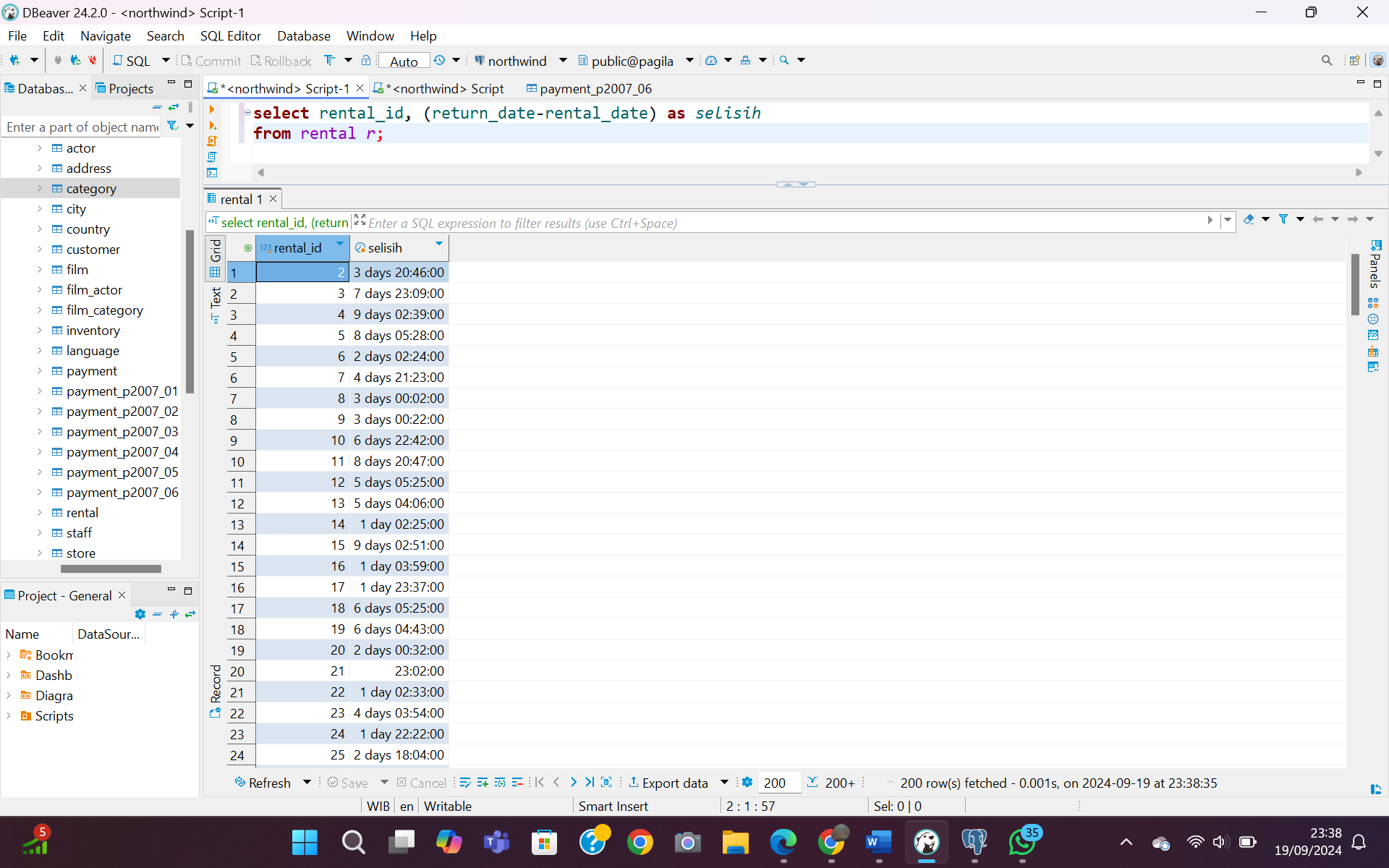
1. Find the number of distinct first names in actor table

**select** **count** (**distinct** first\_name) **from** actor *a*;



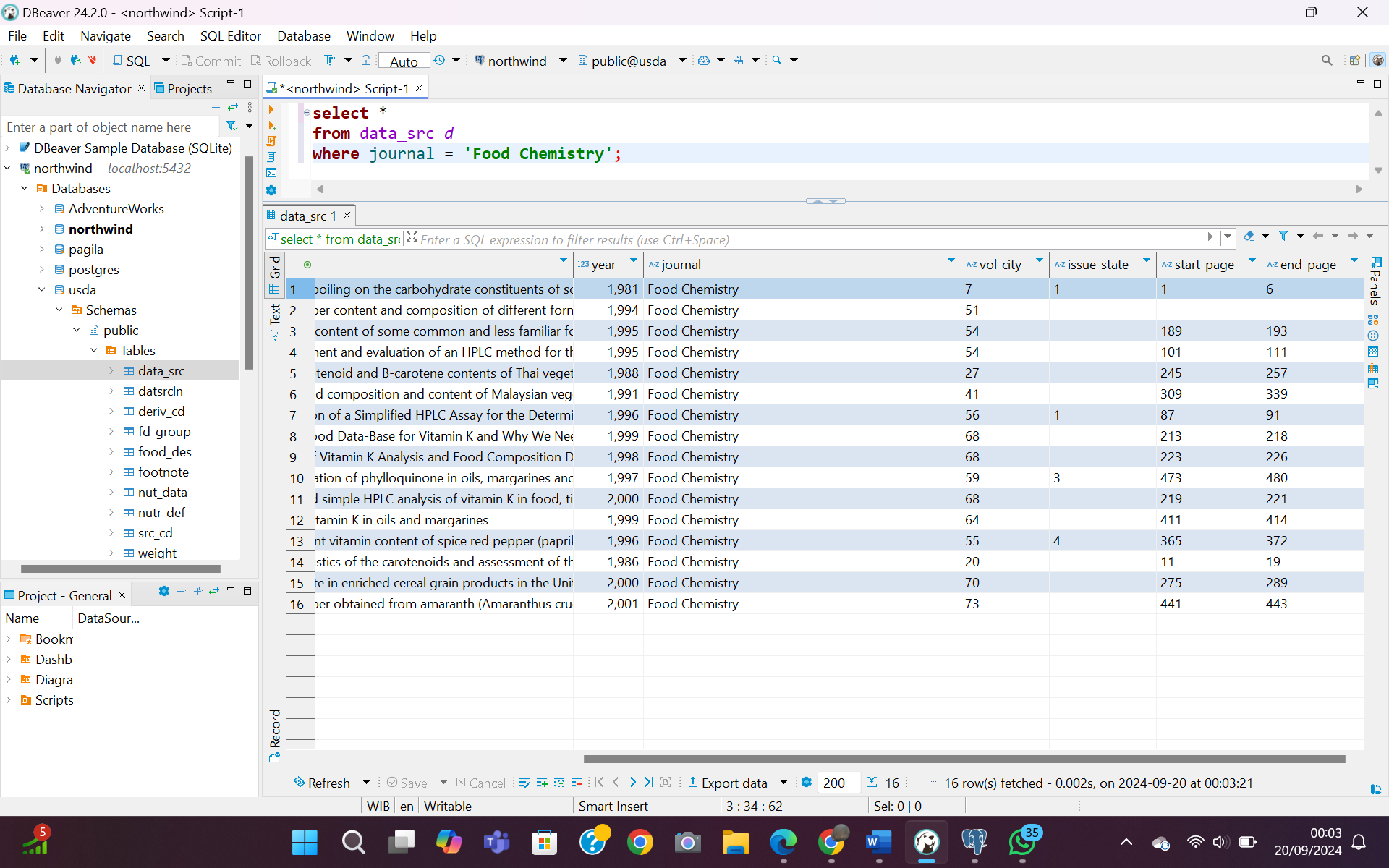
1. Show the data rental\_id and the difference between return\_date and rental\_date in rental table

**select** rental\_id, (return\_date-rental\_date) **as** *selisih* **from** rental *r*;



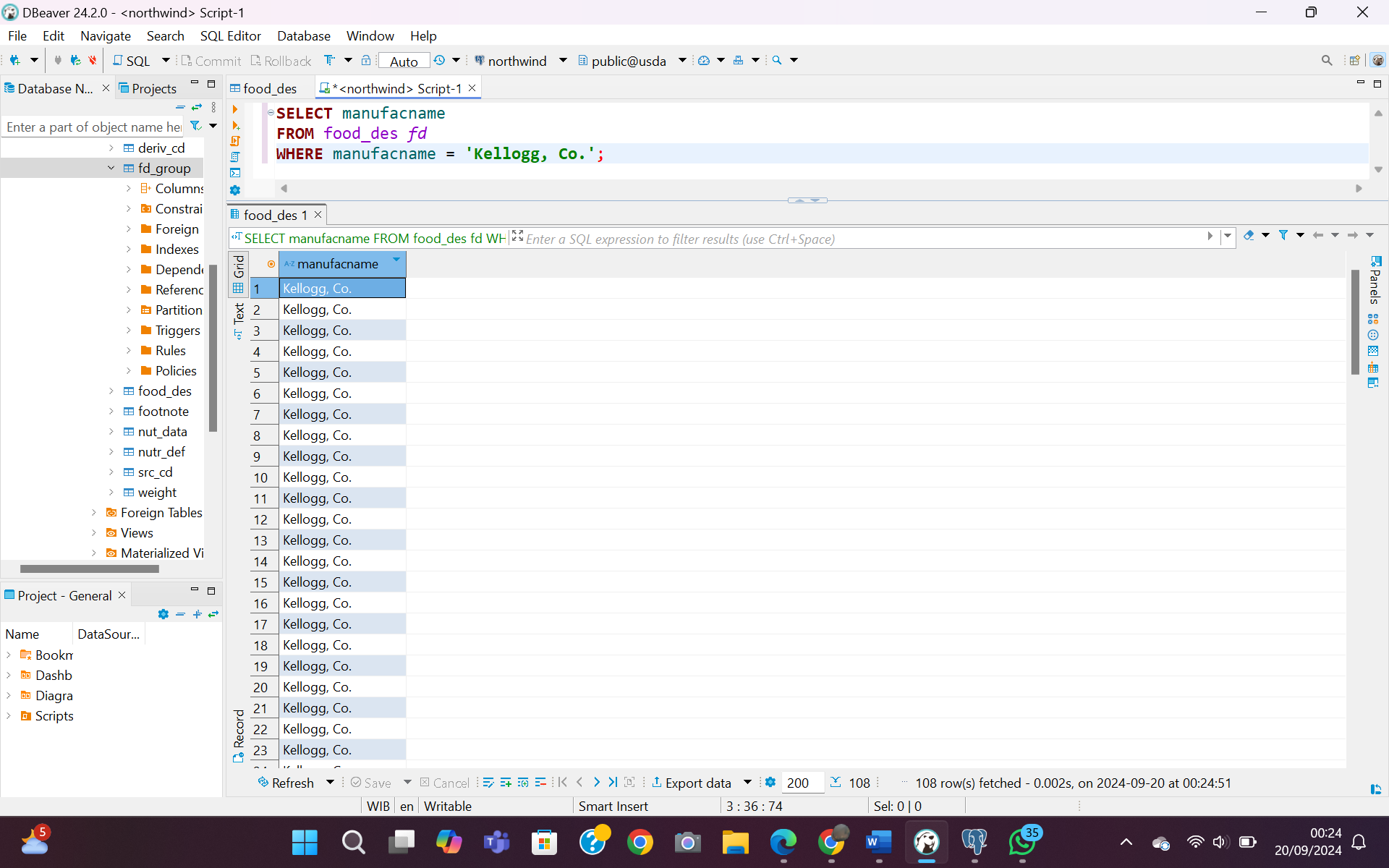
**Hal 17 : Database Usda**

1. Select all records from data\_src which came from the journal named ‘Food Chemistry’ **select** \* **from** data\_src *d* **where** journal = **'Food Chemistry'**;



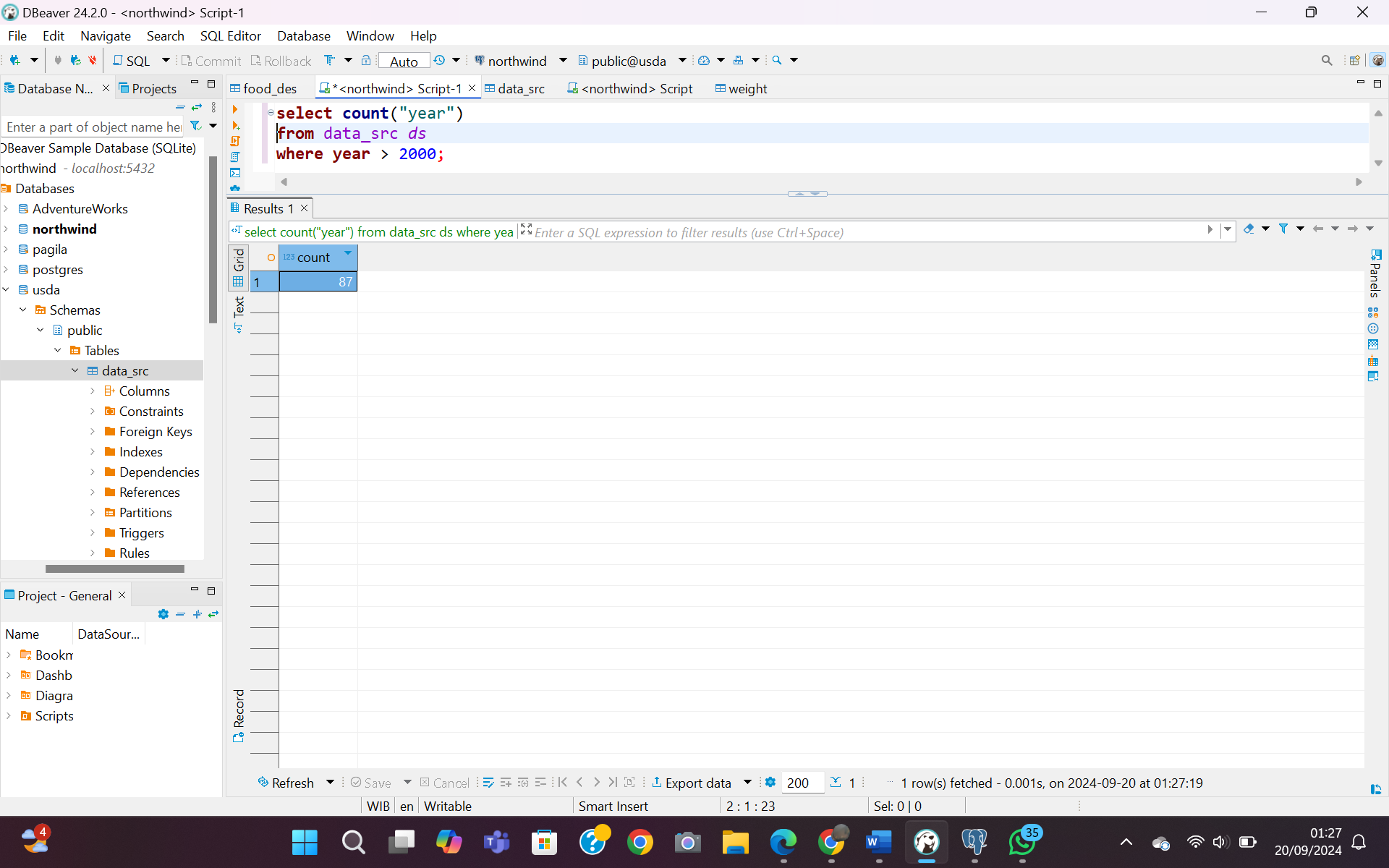
1. Find all the food descriptions (food\_des) records for manufacturer Kellogg, Co. (must include punctuation for exact match)

**SELECT** manufacname **FROM** food\_des *fd* **WHERE** manufacname = **'Kellogg, Co.'**;



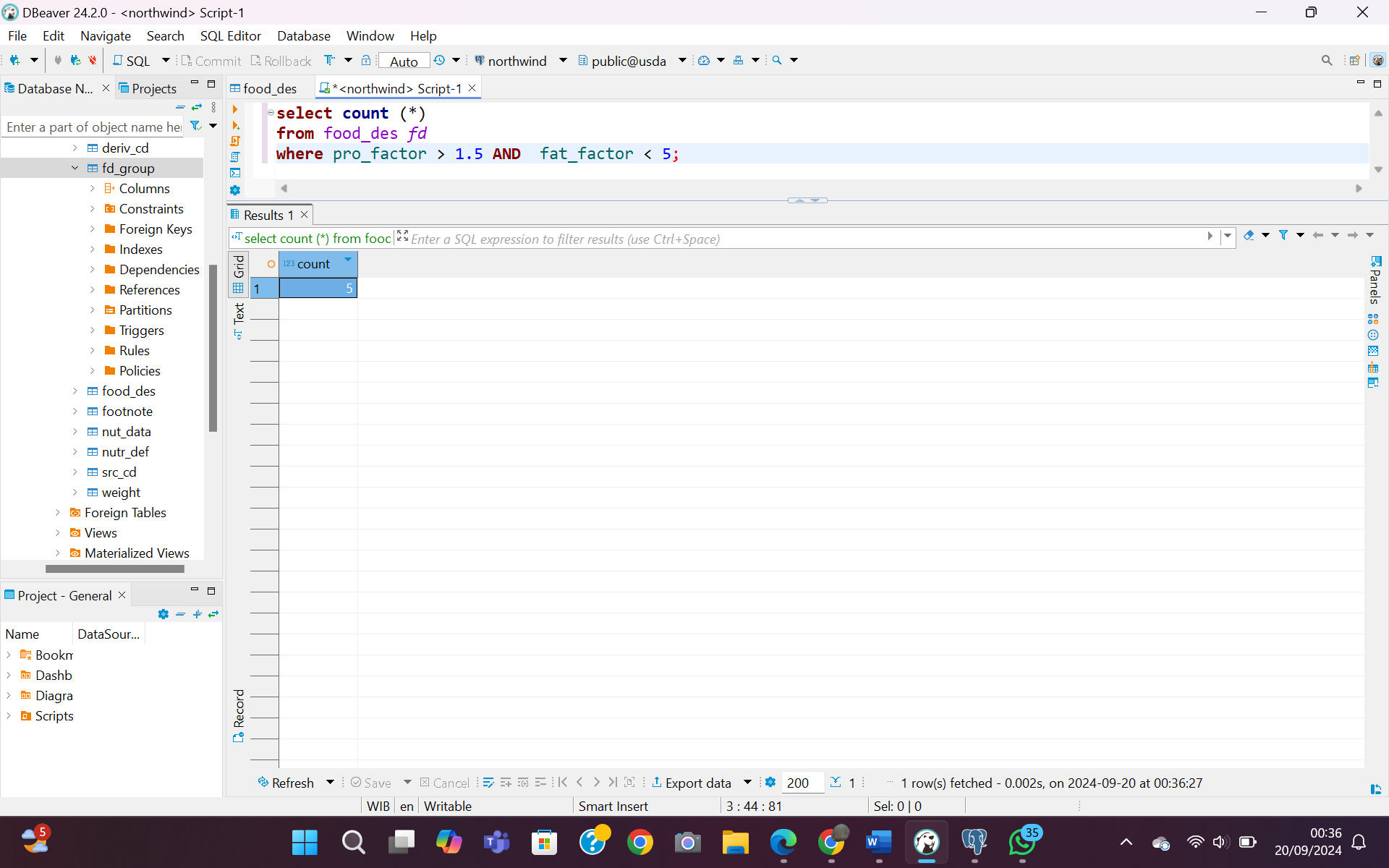
1. Find the number of records in data sources (data\_src) that were published after year 2000 (it is numeric field)

**select** **count**("year") **from** data\_src *ds* **where** "year" > 2000;



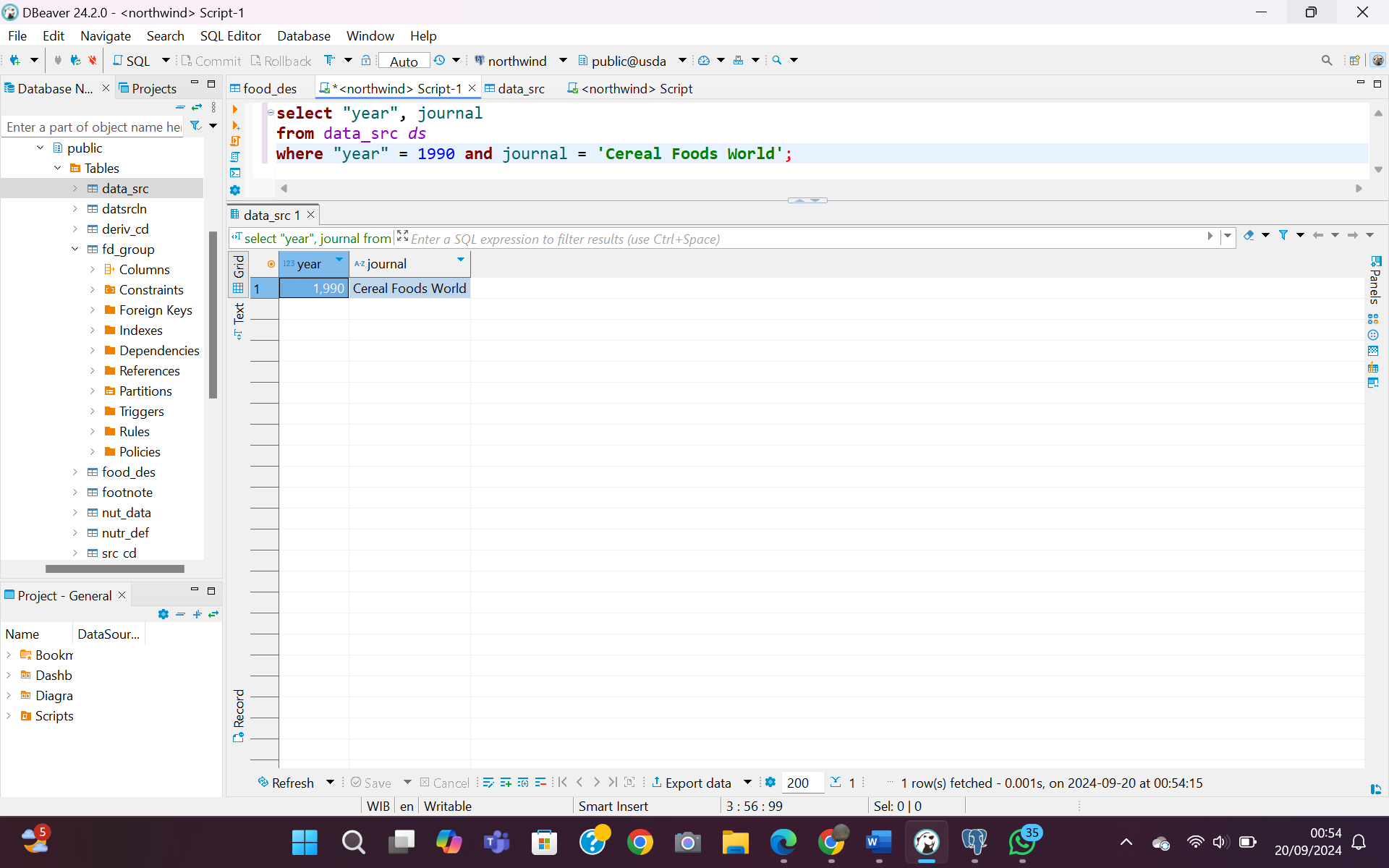
1. Find the number of records in food description table that have pro\_factor greater than 1.5 and fat\_factor less than 5

**select** **count** (\*) **from** food\_des *fd* **where** pro\_factor > 1.5 **AND** fat\_factor < 5;



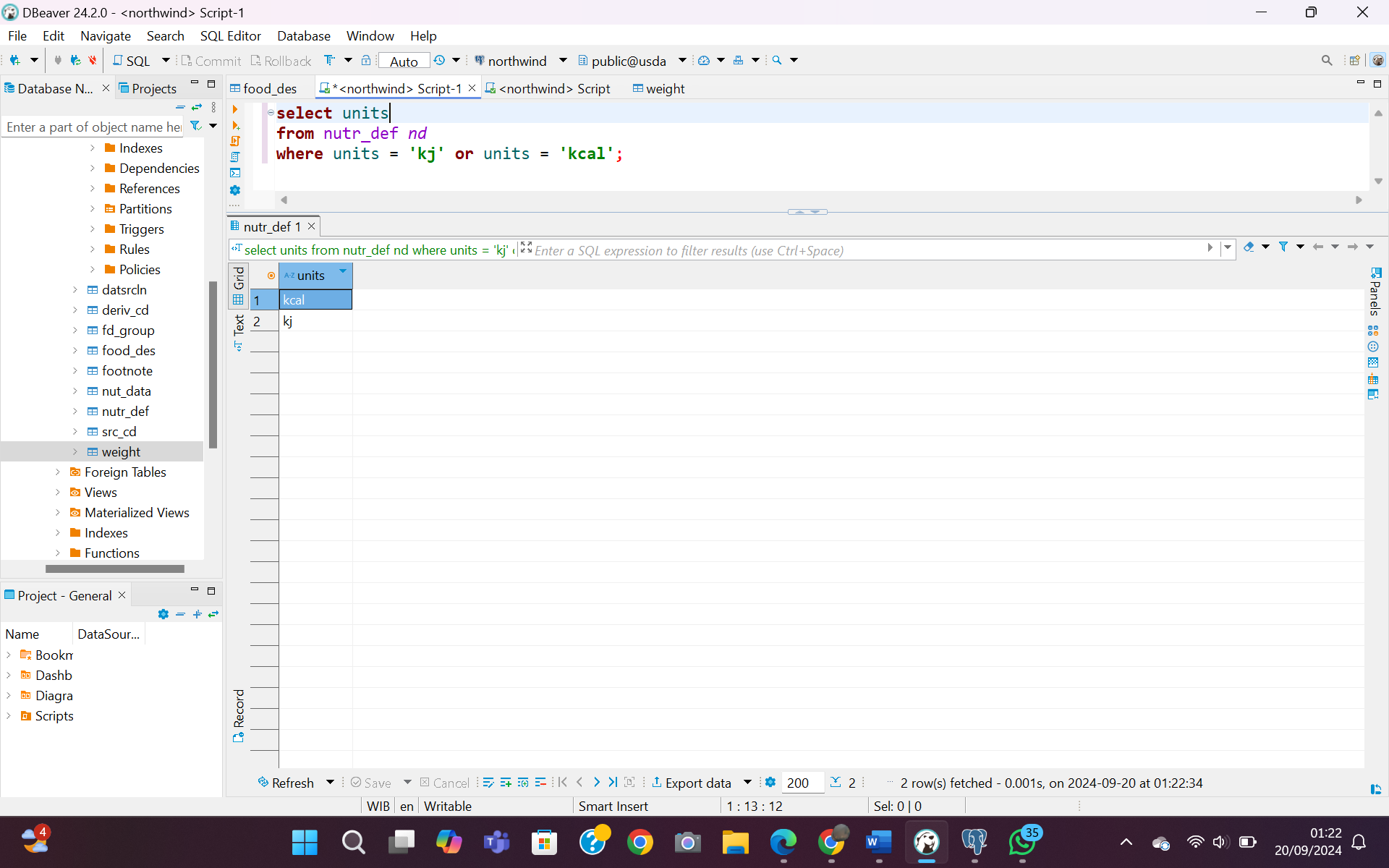
1. Find the record in data source table that is from year 1990 and the journal Cereal Foods World

**select** "year", journal**from** data\_src *ds***where** "year" = 1990 **and** journal = **'Cereal Foods World'**;



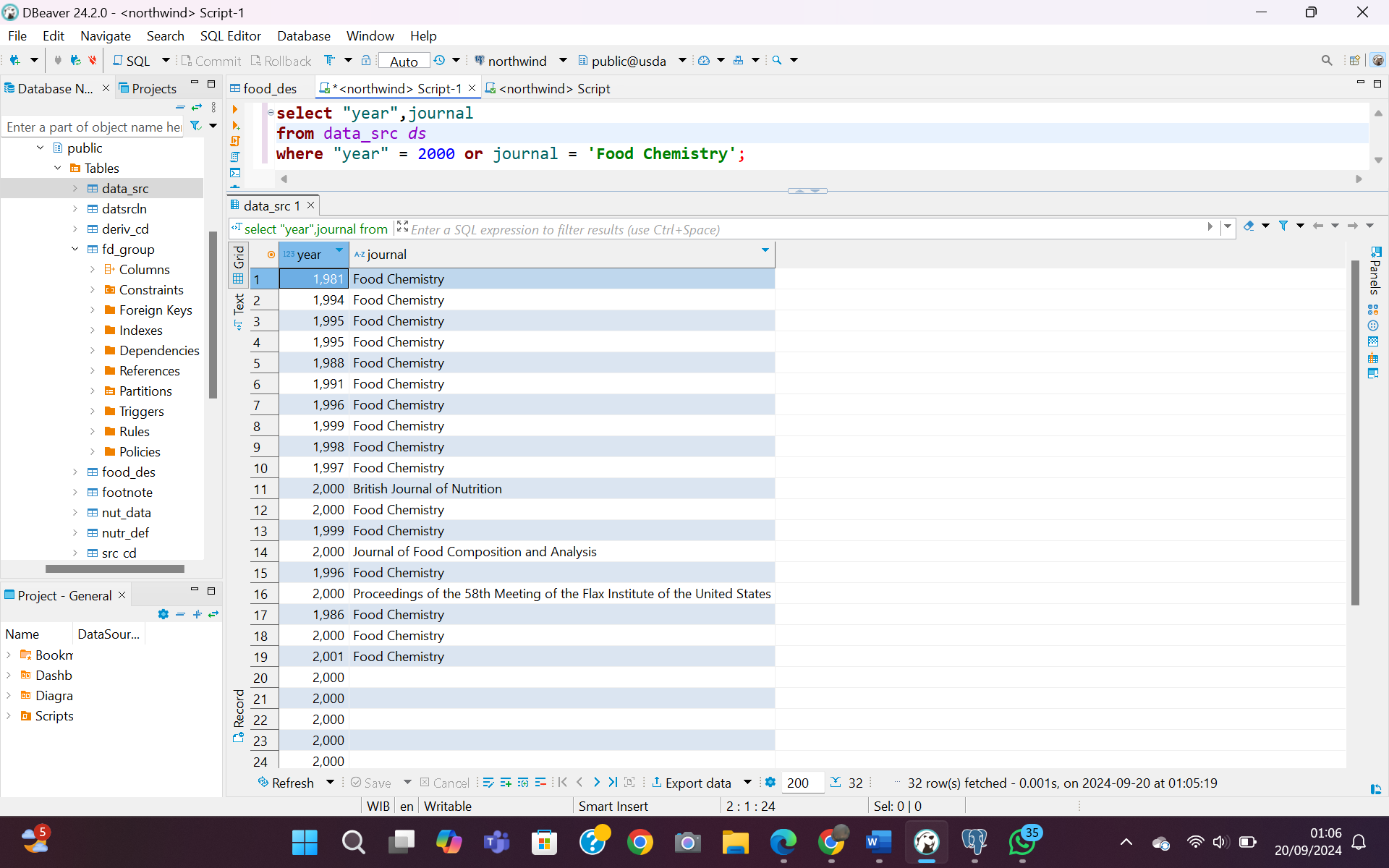
1. Select the records in nutr\_def table (nutrition definitions) that have units of kj of kcal

**select** units **from** nutr\_def *nd* **where** units = **'kj'** **or** units = **'kcal'**;



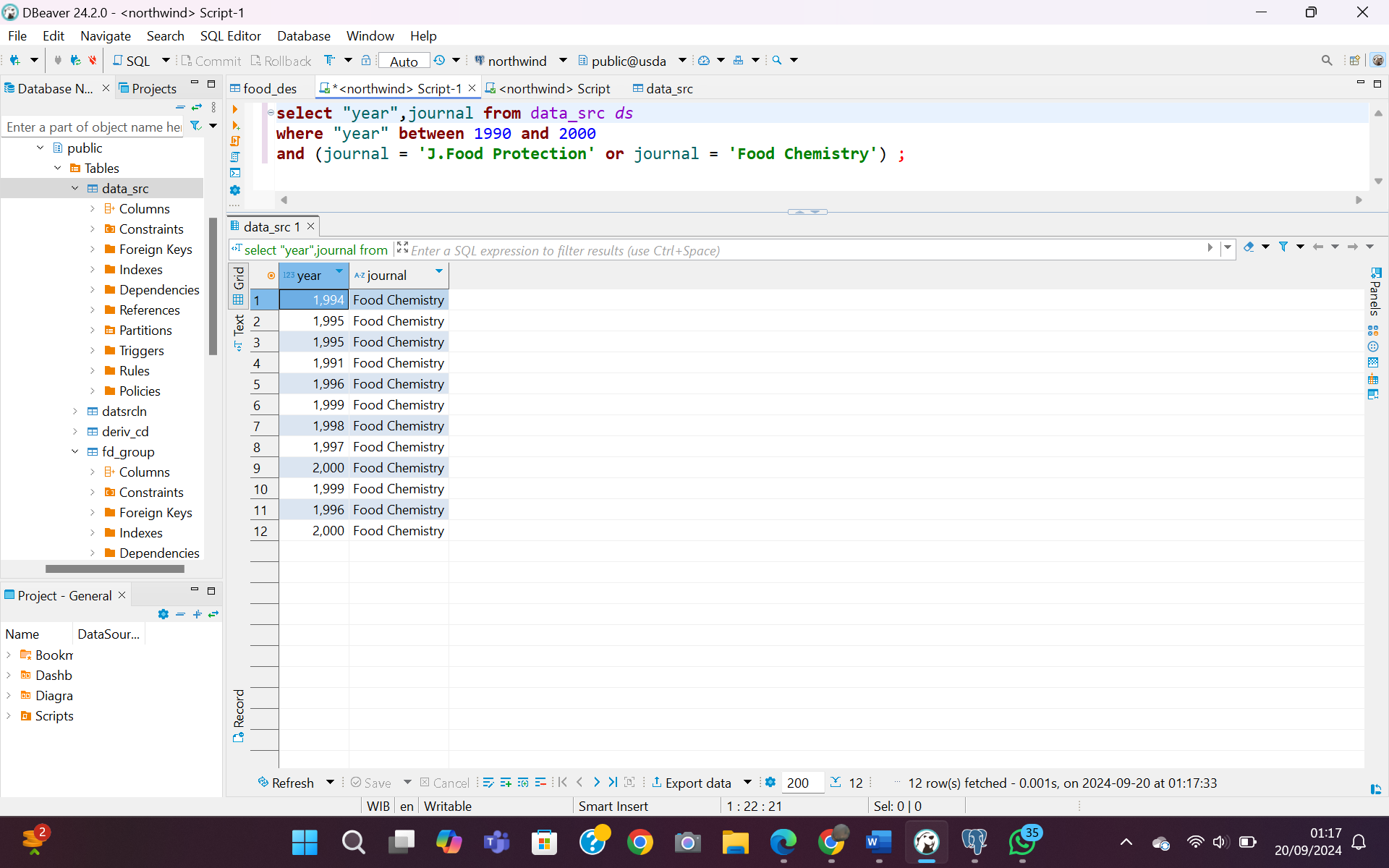
1. Select all records from data source table (data\_src) that where from the year 2000 or the journal Food Chemistry

**select** "year",journal **from** data\_src *ds* **where** "year" = 2000 **or** journal = **'Food Chemistry'**;



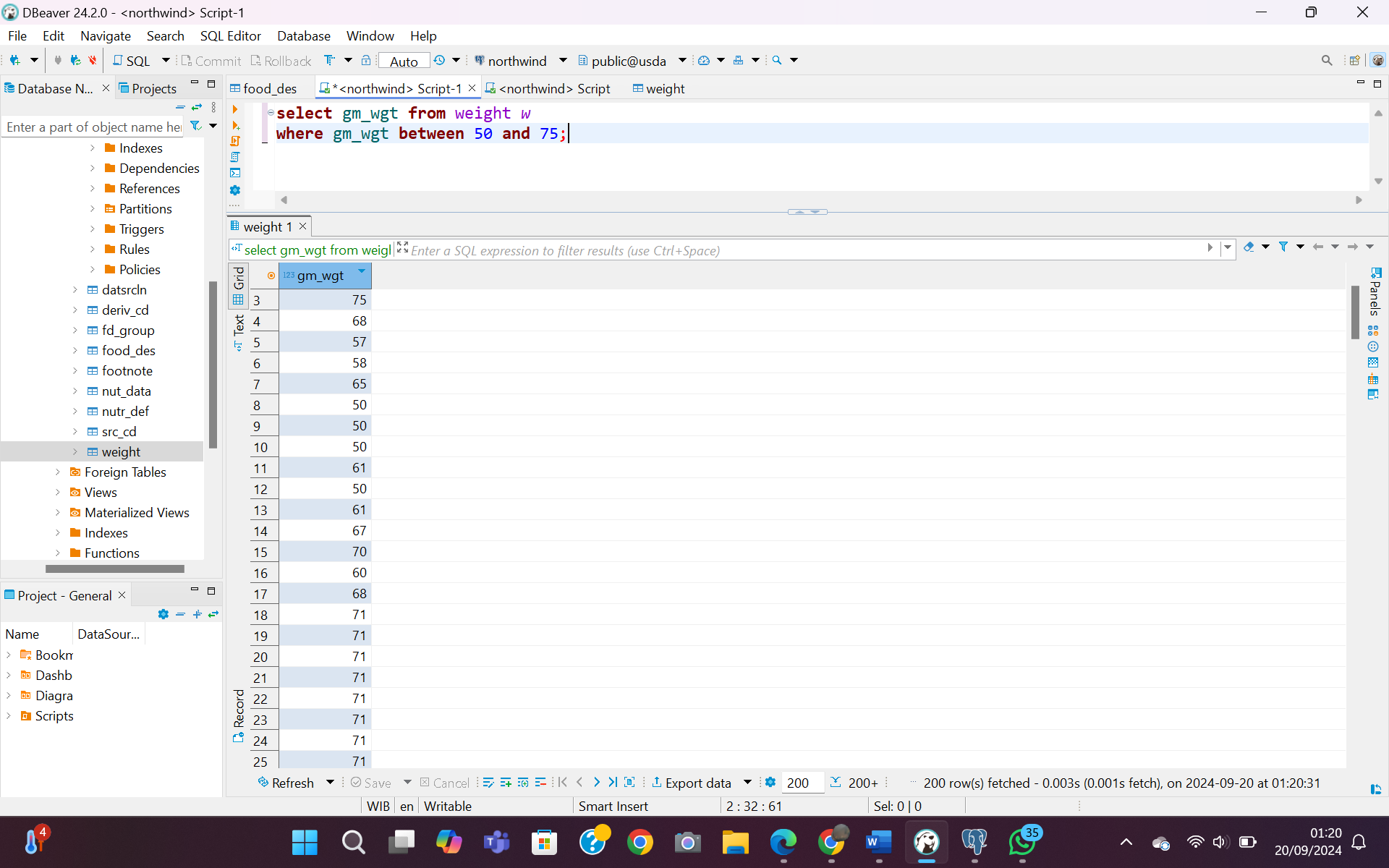
1. Find all the records in data sources that where between 1990 and 2000 and either ‘J. Food Protection’ or ‘Food Chemistry’

**select** "year", journal **from** data\_src *ds***where** "year" **between** 1990 **and** 2000 **and** (journal = **'J.Food Protection'** **or** journal = **'Food Chemistry'**);



1. 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;



1. 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)

