

### SQL test 3

9.05.2023

For each of the tasks below, write the appropriate SQL commands. We expect the solutions to be in the form of a file containing the **content** of SQL commands, not the output obtained from running them.

**Any syntactically incorrect queries will not be checked** - check your solution e.g. using `\i file.sql` You can send the file multiple times, only the latest version will be checked.

Load the `offers.sql` file into your database. Send your solutions through the form at <https://dbserv.stud.ii/>. Do it as often as possible! All data on your computer is erased after a restart. In case of any problems, be sure to contact the course instructor before restarting your computer.

The first line of the solution should have the following format: `-- group-name-surname`, where **group** are the initials of the instructor leading your group (jmi/mabi/plg/pwi), e.g. `pwi-Jan-Kowalski`. The required format for the entire solution file is as follows:

```
-- group-name-surname
-- Task 1
<query>

-- Task 2
<query>
...
```

**Task 1** Write a trigger to ensure that when you attempt to delete an offer with the **DELETE** command, the offer is archived. For each archived offer, additionally remember the date it was archived. Discuss in a group how to remember archived offers.

**Task 2** . Add to the table `company` attributes to store the number of current offers and the number of all offers (current and archived). Write a trigger to keep these attributes up to date. In what situations will you need to trigger the trigger?