

Exercise set 5 - SQL basics 4

- Ocelot exercise database presented in SQL basics 1 will be used in this exercise
- Return exercise in .txt format and use formatting presented below (question always followed by the query)

```
-- Select all employees from table  
SELECT * FROM EMPS;
```

- In this exercise you will add a new table to Ocelot training database, which will be used to describe the history of employee salary.

Create tables

1. Create a new table called SALARIES with the following columns:
 - **salaryID** (primary key)
 - **empnum** (foreign key)
 - **salary** (the amount of salary described with two decimals)
2. Create a connection between SALARIES and EMPS tables (Tip: Find the common column first). Use these foreign key options:
 - **UPDATE CASCADE**
 - **DELETE NO ACTION**

Editing table properties

3. Add a new column called fromdate. The current date should be added automatically for this column when new data is inserted.
4. Add automatic counter for salaryID column so that this field value will be automatically generated each time a new data is inserted.

Input validation

5. Create input validation check with TRIGGER so that salaries exceeding 10000 euros cannot be inserted to the table.
6. Modify previously created input validation so that inserted value must also be even ($\text{num \% } 2 = 0$).