

Laboratory work Nr. 6

Task 6 (Open Source database software)

1. Do some research, choose and locally install open source database (postgresql, mariadb, mysql...)
2. Reason Your choice regarding database. State which license comes with the database software.
3. Configure the database user (create initial user and set password).
4. Create first database with the name “mydb” and connect to it.
5. Now try entering SQL commands to create the first table in Your “mydb” database:

```
CREATE TABLE TEST(  
    ID INT PRIMARY KEY NOT NULL,  
    NAME TEXT NOT NULL,  
    PHONE TEXT NOT NULL  
);
```
6. Now try checking if Your table is empty:

```
SELECT * FROM TEST;
```
7. Insert new data into Your TEST table:

```
INSERT INTO TEST (ID, NAME, PHONE) VALUES (1, 'Vardenis', '31241213');
```
8. Again try checking the contents of Your table:

```
SELECT * FROM TEST;
```
9. Prepare the report (.pdf), describing all the steps taken.
10. Upload report to Your github/gitlab repository and inform me via e-mail.