

Laboratory work #3

Please write SQL queries for following tasks and save as .sql file.

1. Create database called «laboratory_work3»
2. Download lab3.sql file from intranet. Copy content of the file and run using Query Tool (check if tables created)
3. Select the first name of all workers.
4. Select the last name of all workers, without duplicates.
5. Select all the data of workers whose last name is «Smith».
6. Select all the data of workers whose last name is "Smith" or «Doe».
7. Select all the data of workers that work in branch 59.
8. Select all the data of workers that work in branch 14 or branch 77.

Select all the data of workers who work in Almaty city.

9. Select the sum of all the branches' budgets.
10. Select the number of workers in each branch. You only

need to show the branch code and the number of workers. (Use count(*) operator for counting the number of workers)

11. Select the branch code with more than 2 workers.
12. Select the name of the branch with second highest budget.
13. Select the name and last name of workers working for branches with lowest and highest budget.
14. Select the name of all workers and clients from Nursultan.
15. Select all branches with budget more than 55000, sorted by increasing budget and decreasing code
16. Reduce the budget of branch with lowest budget by 10%.
17. Reassign all workers from the Research branch to the IT branch.
18. Delete from the table all workers in the IT branch.
19. Delete from the table all workers.