

# SQL Database for Beginners

## Lab Exercise 8

- 1) Write a query returning the projects with a budget larger than the average budget over all projects in the project table.

- 2) Write a query returning all projects in the project table, for each project stating their share of the overall budget.

- 3) Optimize the previous query by adding headings and rounding.

- 4) Write a query returning persons acting as "Project Manager" in any project.

- 5) Write a query returning all projects in the project table that have no staff assigned.

- 6) Write a query returning all persons in the person table that have a postal address listed in the contact table.

- 7) Write a query returning a table with all contact types and their assignments in the contact table.

**Tip:** Before writing the query, identify the contact type id using:  
`select * from contacttype`  
Then write the query hard-coding the identified id

8) Use the previous query as a derived table in a query returning all persons in the person table with their contact details.

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9) Write a query returning how often the most used contact type in the contact table is assigned.

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