

Week 1

Week 1: Introduction to Databases and SQL

- Overview of relational databases.
- SQL basics: Introduction to databases and SQL syntax.
- Data types in SQL.
- Tools: Installing MySQL/PostgreSQL.

Classwork

1. Write a query to find all IDs in the Employee table that live in London
2. Write a query to retrieve all products from the Products table where the UnitsInStock is greater than 100
3. Write a query to select all products from the Products table that are not discontinued.

Homework - Set up your SQL environment and practice basic SQL commands (**SELECT**, **WHERE**, **ORDER BY**).

1. Write a query to find how many orders were later than 1/1/2013
2. Write a query to find all employees whose FirstName starts with the letter "A"
3. Write a query to list all products with a UnitPrice greater than 50 and UnitsInStock less than 50