

# Lesson32

## Databases and PHP

# ORDER BY query

## Database queries

- **ORDER BY** - sort a result of a query
- **ASC, DESC** - sort ascending or descending
- `SELECT * FROM employee ORDER BY key1, key2;`
- `SELECT * FROM employee ORDER BY key1 ASC;`
- `SELECT * FROM employee ORDER BY key1 DESC;`
- Get last row in table :
- `SELECT * FROM employee ORDER BY id DESC LIMIT 1;`

# LIMIT and LIKE

- **LIKE** keyword is used to filter data based on patterns
- Pattern is placed between single quotes '. % wildcard matches any string of zero or more characters
- **SELECT** \* **FROM** employees **WHERE** username **LIKE** '%Jo%' **LIMIT** 1;
- **LIMIT** statement limit result to number you input after **LIMIT** keyword

# PHP and Databases

## Mysqli extension

- Mysqli extension allows you to access database functionality via mysqli\_\* functions
- For details check [on-lesson.php](#) file attached to this lesson
- Docs: <https://www.php.net/manual/en/book.mysqli.php>

# CRUD application

- A lot of websites or part of websites are based on so called “CRUD” functionality, that basically represent web interface for the database
- We will create a basic CRUD functionality in php for users table