Database Basics - MySQL

Course Introduction

Java DB

SoftUni Team

Technical Trainers

Software University

http://softuni.bg

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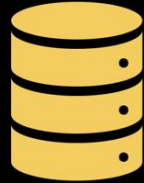
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The Trainers Team

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Have a Question?

sli.do

#JavaDB

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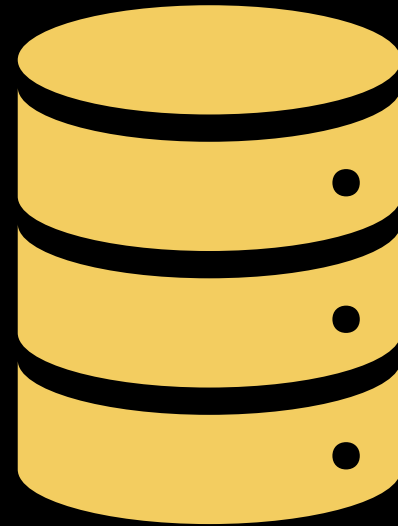
Database Basics

Course Objectives & Program

Course Objectives

- The Database Basics course provides

  - Basic database and query concepts

  - Establishes fundamentals for further DB trainings

  - Content: SQL syntax, data types, programmability

- What is **NOT** covered?

  - Client-side implementations

  - API Libraries

Course Topics

- DB intro, concepts overview, functionality

- Data definition and data types

- Basic CRUD, intro to SQL

- Built-in functions

- Data aggregation

- Table Relations

- Subqueries and JOINs

- Functions, Triggers, Transactions

The Trainers Team

Trainers Team

- ## Irina Naskinova

  - Experience in Java Development

    - Experience with companies such as ProSyst, Seeburger, Proxiad, HPE …

  - Cloud Automation Engineer @ DXC Technology

  - Teacher at Sofia University

  - Teacher at Cardiff Methropolitan University (Sofia campus)

# Evaluation

Scoring System for the Course

- Mandatory:
  - Final exam – 85%
  - Homework submissions – 15%
- Bonuses:
  - Presence in class – 5% bonus
  - Forum activity – bonus up to 5%

Homework Assignments & Exercises

- Your homework is mainly work in class!
  - Lesson days → slides + live demos + exercises
  - Exercise days → only exercises

- How to submit your homework?
  - Submitted in the judge system

- Do your homework when it's due!
  - Assignments pile up quickly
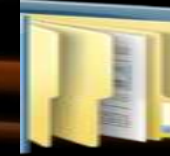
Resources

What We Need Additionally?

C# Course Web Site, Forum and FB Group

- Official web site:

  https://softuni.bg/courses/databases-basics-mysql

- Official discussion forum:

  https://softuni.bg/forum/categories/77/databases-basics-mysql

- Official Facebook groups:

  https://www.facebook.com/groups/SoftUniJavaDBFundamentalsJanuary2018/

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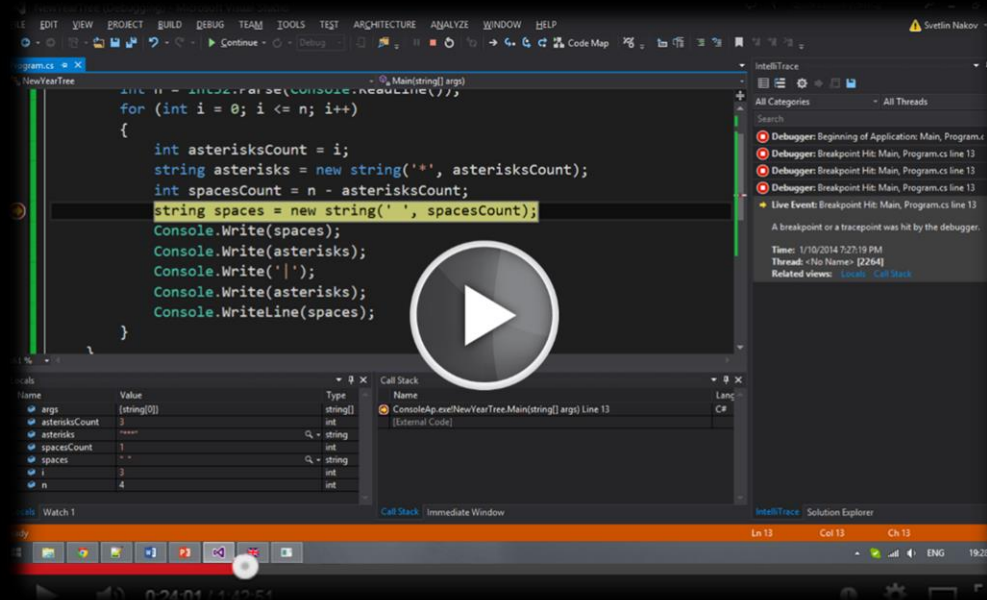
The DB Basics MySQL Slides and Videos

- All lecture slides, videos, homework assignments, projects and other resources are open content, available for free

  - Visit the course web site to access the course resources

Java DB Recommended Software

- Software needed for this course:

  - Microsoft Windows 10

  - HeidiSQL - https://www.heidisql.com/download.php

  - XAMPP - https://www.apachefriends.org/index.html

Learn to Search in Internet

- The course assignments require to search in Internet

  - This is an important part of the learning process

  - Some exercises intentionally have no hints

- Learn to find solutions!

  - Software development includes everyday searching and learning

  - No excuses, just learn to study!

  - Developers learn new technologies, tools, languages every day!

Database Basics MySQL – Course Intro

SoftUni Foundation

Questions?

https://softuni.bg/courses/databases-basics-mysql

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