Faculty of Science, Technology and Medicine

Web Programming

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Topics to Remember

- Writing a simple PHP script:

    - Regular expressions

    - Accessing a DB

- Namespaces and PHP composer

- Convention over configuration principle

- Core ideas of Symfony framework

Topics to Remember (2)

- Basics of Javascript

  – var / let

  – JS Objects and Prototypes

  – Functions, Closures, Arrow functions

- DOM and usage of DOM in JS

- AJAX and JSON

- Storage, Web Workers & Web Sockets

Topics to Remember (3)

- NPM

- TypeScript

- Node.js:

  – Advantages of Node.js

  – Basic examples for web apps and REST WS

- REST WS & GraphQL – core ideas

- Core ideas in popular JS frameworks

Final Exam

Final exam will take place on 18.1.2021, 10:30 – 12:30, in remote format (Moodle quiz)

Questions in exam will concentrate on concepts and general understanding of web programming with PHP / JS and related web technologies, without details

Mixture of multiple choice and free text questions

General Rules on Grades

No grades will be announced before the examination board meeting on 11.2.2021

You have the right to inspect the corrected exam after 12.2.2021 – within at most 3 weeks → please inform me if you want to do so (modality of inspection to be confirmed in February)

Grades can be appealed within 3 weeks after 12.2.2021 (request sent to programme director, decided by exam board)

More Questions?

I wish you a merry Christmas and a happy and successful new year 2021

Stay healthy!