POS 5. KLASSEN

HTL GRIESKIRCHEN, SJ 2021/21

Course material based on slides from Prof. Grüneis

OVERVIEW

CLIL, Course Organisation, Lightning Talks, Exams, Grading, etc.

CLIL - LET'S SWITCH TO ENGLISH

- *Content and Language Integrated Learning*
- Most course material will be in English language
- Sometimes we talk in English, manchmal auch in Deutsch
- FAQ
    - Does CLIL replace English courses? **No**
    - Will your English skills be graded? **No**
    - Can you ask questions in German? **Yes, of course**
    - Can we switch to German if you don't understand my English? **Yes, please ask**
    - Does your exam answers have to be in English? **No.**
    - Will oral exams be in English? **You can choose**
    - Will CLIL be noted in your course certificate? **No**
    - Can we stop CLIL if it doesn't work? **Yes, but please give it a try**

COURSE ORGANISATION

- Main platform will be Moodle
- Some parts will be published on github
- Contains handouts, exercises, code snippets etc.
- Exercises have to be handed in on Moodle
  - In **ZIP-Format** without **node_modules** folder please :)
- No need to ask for permission to visit the toilet
- Any other questions?

CURRICULUM WS 2021

- Angular + Web-APIs (C#)
- Finish with 1st PLF
- Regular Expressions
- JWT Authentication
- Realtime Web
- Ionic
- Finish with 2nd PLF

CURRICULUM SS 2021

- Asynchronous programming
- RxJs
- Design Patterns
- Finish with 3rd PLF
- Preparations for Matura

NECESSARY SOFTWARE

- We will use *Visual Studio 2019* and *Visual Studio Code*
- Node (LTS version)
- Recommended **VS Code extensions**:
    - Angular Language Service
    - Angular Snippets
    - ESLint
    - JavaScript (ES6) code snippets
    - Prettier
    - REST Client

GRADING

- Max. 75 points for exams
    - Max. 25 points per exam
    - Dates will be announced in Moodle
- Max. 10 points for lightning talk
- Max. 15 **percent** for homeworks
    - Everybody *must* do every homework **by him-/herself**
    - Random samples are checked every week
    - No need to be perfect, hand in your best try
    - Earn max. 2 points for a good homework
    - Minus 2 points for totally missing homework

GRADING

Grade	Min. Percentage (incl.)
Sehr gut	91
Gut	79
Befriedigend	63
Genügend	50
Nicht genügend	Less than 50 perc.

LESSONS

- 10 minutes for lightning talk
- Theoretical basis
- Practical demos, live coding, etc.
- Exercise to start in school and finish at home

LIGHTNING TALKS

- What is a *Lightning Talk*?
    - Max. 7 minutes for presentation, rest for questions
    - Should be done in English language
    - Consider PechaKucha-style
    - Examples: PechaKucha, "Nerdy" one with demo
- Any interesting software engineering related topic (preferably Angular/Ionic/C#/.NET related)
    - Suggestions
    - Submit topics using a pull request:
        - Lightning Talk Calendar 5A
        - Lightning Talk Calendar 5B
        - Lightning Talk Calendar 5C

LIGHTNING TALKS GRADING CRITERIA

- Prepared for the presentation (e.g. handout, PPT, demo)
- Structure of the presentation
- Demonstrated understanding of the material
- Demonstrated critical thinking skills
- Took information from different sources and created something interesting
- Time management skills (concise presentation in <= 7 minutes)