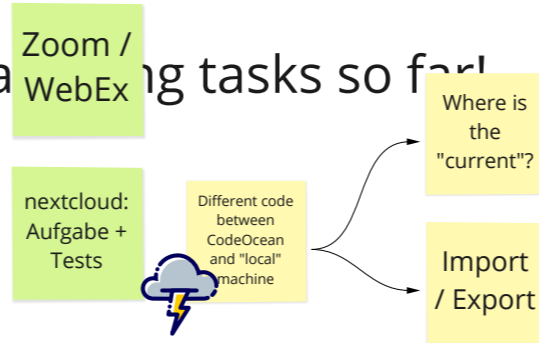


Please visualize how you create programming tasks so far!



Tools

Visual Studio Code

Visual Studio Code

CodeOcean

Emails

Feedback via Moodle, Email, phone

Help Session

Steps

Idea: Develop an exercise series

Single task vs. a series of tasks?

Inspiration desired: View (provided) tasks

openHPI

Sebastian's examples

Divide the semester into individual work packages -> 6

Create reference implementation

Divide into 5-6 subproblems, based on each other

Write tests

Transfer to CodeOcean

Test the tasks in CodeOcean

Independent tutors check the tasks

Scoring

Use with students

Revision of the course

Specification

Implementation

Start

Depicting the development process?

Iterative process, practical example, local reference

Adjust tests later if necessary

Adjustments based on feedback

t

Time horizon



~ 2 Weeks

Apply change to all subsequent tests (tasks build on each other)

Updating tasks is laborious and time-consuming

1.5 months for all 6 tasks

until October

From early November

From March 2022

Persons involved

3

+ 3

30 Students