INSTITUTE OF VISUAL COMPUTING

TU Graz

SCIENCE
PASSION
TECHNOLOGY

Object-Oriented Programming 2: Practical 1: Assignment 0 Q&A

Benedikt Kantz with Tutor Team

Slido for Q&A

3

Resources

- Teach Center for slides and administrative matters: link

- Code examples: gitlab

- Gitlab-Teaching for code hand-ins: gitlab-teaching

- Mail tutors.oop2.le@mlist.tugraz.at: for organizational matters

4

Practical Schedule

KW	Date	#	KU Topic
40	2.10.2025	00	Modalities
41	9.10.2025	01	Introduction to A0
42	16.10.2025	-	**Q&A A0**
43	23.10.2025	-	Q&A A0, Deadline A0, A1 Group Sign-Up
44	30.10.2025	02	Intro to A1, Deadline A1 Group Sign-Up
45	6.11.2025	03	Libraries Usage, Q&A A1
46	13.11.2025	-	Q&A A1
47	20.11.2025	-	Q&A A1
48	27.11.2025	-	Q&A A1
49	4.12.2025	-	Q&A A1
50	11.12.2025	04	Deadline A1, Introduction to A2
51	17.12.2025	-	Q&A A2
2	8.1.2026	-	Q&A A2
3	15.1.2025	-	Q&A A2, A2 Deadline
4	23.-29.1.2026	-	Assignment Interviews (AG)

Java Wiki ⚠

Java Wiki for Object-Oriented Programming 2

Paul Raith
Sebastian David Albu

July 2025

- ☕ Wiki on the TC!

- Click to Download!

Institute of Visual Computing

FAQ I

Java Version 25/24 does not work :(

- Use the LTS Version 21

- Or 17 to make sure!

FAQ II

Where are the Tests?

- See last week's video

- The pipeline can be triggered manually on Gitlab!

- There are *no* public test cases.

FAQ III

Why does it take so long to start a pipeline!!

- Blame your peers!

- We have a lot of compute from ZID, but a lot of people "debug using the pipeline".

9

FAQ IV

What is Mock data??

- This is fixed data used for testing purposes!

```
IGarden test_garden=GardenBuilder()
    .plantTulips("red",3)
    .plantSunflowers("fluffy",2)
        .build();
```

FAQ V

What about the .osm file?

- You will get it in 1 week for A1.

- (see last question)

- Related: you can push your own JSONs/any file you like, except the provided .osm files (they are a bit big and would bog down our system)

FAQ VI

I don't get any points!?

- Make sure you correctly handle the Environment variables!

- Also use them to start the Spring Boot middleware on the correct port!

- Check whether the application *really* starts on the port!

FAQ VII

The assignment description says to throw an error on HTTP if the port range is wrong!

- Yes, that is a wrong formulation on our side :/

- We will update the description, but you can just ignore that aspect for now!

FAQ VIII

?? I still don't know how to get started?

- Take a look at the example code on Gitlab!

- Try to understand how you have to structure the code for Spring Boot/apply the patterns from Spring Boot for you application!

FAQ IX

?? I still don't know even how to get it running!

- Take a look at last week's video!

- We will also release a Docker/VS Code version (with the other fix) where you can open the folder in VS Code (with the Java extension) install where you can just press F5!

Q&A