

# Videos, slides, and live sessions



Please answer the poll to help me understand how you're using the course materials

Don't worry – it's anonymous and I won't be insulted if you don't tick any of the boxes 😊

Also, here is today's Slido link:

<https://app.sli.do/event/2ugocygm>

# Summary of assessments (1): Labs and lab exam

Weekly labs (20%): unchanged from previous years

- Mark is based on best 5 of 8 labs

- Best 5 marks summed to create mark out of 25; scaled to 22-point scale

- Acknowledged collaboration is encouraged

Lab exam (20%)

- In a normal year: two-hour unseen coding task during lab session in Week 11; practice problems provided in advance

- This time: unseen coding task, time constrained (time limit TBD); practice problems still provided in advance

- NO COLLABORATION – we will check, plagiarism process will be followed if necessary**

# Summary of assessments (2):

## Written exam

Worth 60% of the final mark

In a normal year: 1-hour written exam in exam hall under exam conditions

This year: Time-constrained (time TBD) take-home open-book (i.e., open-internet) exam

Question types:

- Write simple code (DOES NOT HAVE TO COMPILE!)

- ~~What does this code fragment output? Find the bug(s) in this code?~~

- Understand and explain why code behaves a certain way

- ~~Define terms from the lecture notes~~

- Explain terms from the lecture notes

Sample questions and practice exam structure will be provided

# Paths and Files

## Path

Represents a file/directory location in the file system

Very similar to a **List<String>** with special-purpose methods and behaviour

Created with **Paths.get()** (or **Paths.of()**), not by calling constructor directly

## Files

Provides static methods for manipulating **Path** objects

Makes link between **Path** objects and the underlying file system

Methods generally throw **IOException** (or a subclass) if an operation is unsuccessful for any reason