

## 10 LABS x 2 hours 15 minutes

- Lab 1: OOP Reviews & Arrays
- Lab 2: Simple sorting
- Lab 3: Stacks & Queues
- Lab 4: Linked List
- Lab 5: Recursion
- Lab 6: Trees
- Lab 7: Hash Tables
- Lab 8: Graph
- Lab 9: Exam
- Lab 10: Project Presentation

### There are 8 practical labs (30%):

- Select 3 random submissions to mark
- If you miss a lab or a submission: that lab will be selected to mark

### Lab 9 will be a practical exam (35%)

- You can use your laptop to code
- You are only allow to use the following IDE:
  - NetBeans
  - VS Code
  - BlueJ
  - IntelliJ
- You must DISCONNECT your laptop from the Internet

### Lab 10 is the project presentation (35%)

**Deadline** to submit your work on Blackboard: 3 days from the lab day

- i.e., Lab day is Monday => deadline is Wednesday (mid-night)

### Assignments submission guide

- Create the folder with a name like: **StudentID\_Name\_Lab#**, (e.g. **01245\_VCThanh\_Lab1**) to contain your assignment with subfolders:
  - Problem\_01 (sometimes Problem\_i or Problem\_Array)
  - Problem\_02 (sometimes Problem\_ii or Problem\_Queue)
  - etc.
- Compress (.zip) and Submit the whole folder with the same name (i.e., **01245\_VCThanh\_Lab1.zip**) to Blackboard
- Students **not** following this rule **will get their marks deducted**