01-b Lab Advanced Practice with TDD

Mirko Viroli, Roberto Casadei, Gianluca Aguzzi {mirko.viroli,roby.casadei,gianluca.aguzzi}@unibo.it

C.D.L. Magistrale in Ingegneria e Scienze Informatiche ALMA MATER STUDIORUM—Università di Bologna, Cesena

a.a. 2024/2025

Today Lab

Outline

- Refactoring a legacy codebase with TDD
- Create a new project (minesweeper) with TDD

Setup

- Clone (or fork and clone) the repo at https://github.com/unibo-pps/pps-lab01b
- The repository has two macro sub-packages:
 - ▶ e1 and e2: contain the legacy codebase to refactor (Exercises 1 and 2)
 - ▶ e3 (**OPTIONAL**): contains the draft project of minesweeper that needs to be implemented (Exercise 3)
- Complete the exercises following the instructions written in README.md of each sub-package