



Software Development Methods



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Our main objective

Learn about concepts and techniques for collaborative development of large and complex software systems



Course content

The Java programming language

Introduction to the language

Best practices

Common pitfalls

Agile Technical Practices

Test Driven Development

Refactoring

Continuous Integration



Course format

Interactive lectures

- Concepts and techniques
- Slides and other material
- Q&A

Examples

- From theory to practice
- Collaborative coding sessions
- Tools in action

Exercises

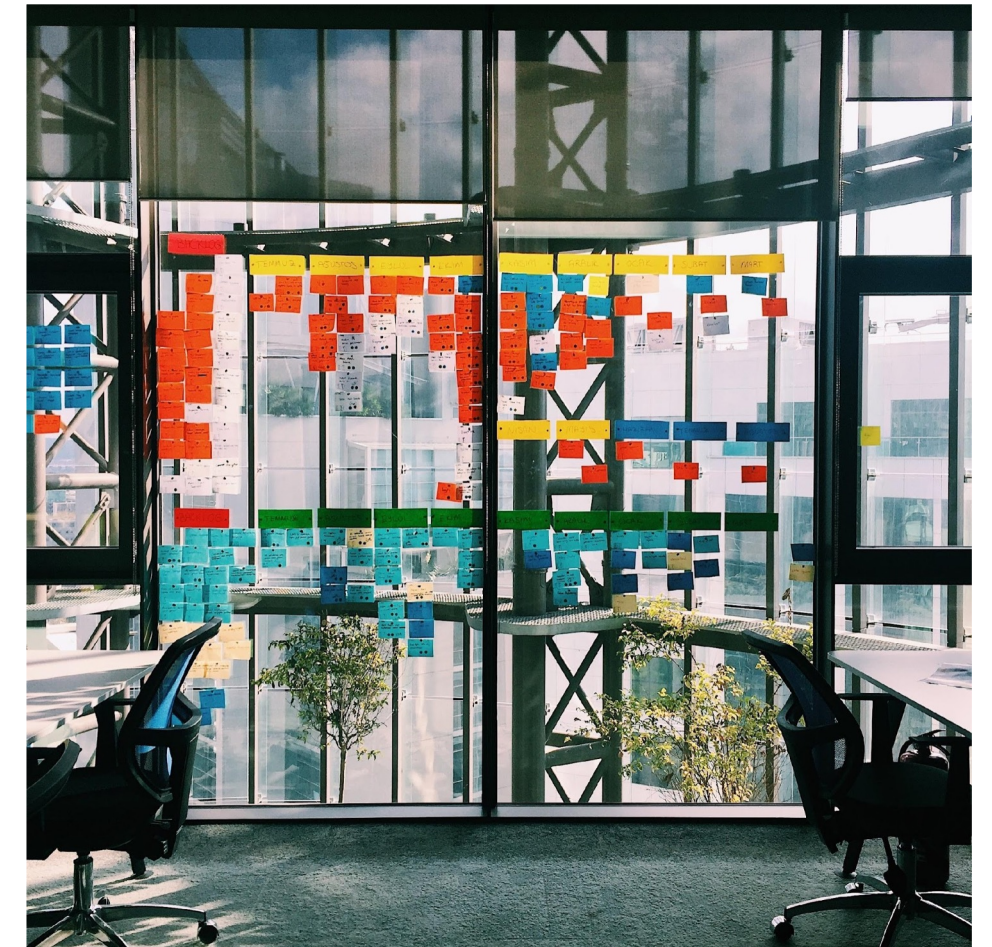
- Try on your own
- Get feedback from us
- Get ready for the exam



Final Exam

Group project and presentation.

- Group of 2-5 people
- Project proposed by us or selected by you
- Apply concepts, ideas and practices presented during the course
- Present your results and answer our questions
- See [Moodle](#) for detailed instructions



How to reach us



Teams

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Moodle

<https://moodle2.units.it/course/view.php?id=9637>



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