

Object oriented programming

Introducing

Description

The student should be able to :

- design the class diagram of a simple application
- translate it into Java code
- program a simple application in JAVA, using object-oriented programming concepts

Practical info

Location(s)

 Toulouse

Objectives

By the end of this module, the student should have understood and be able to explain (main concepts):

- The different programming paradigms
- The principle and advantage of object-oriented programming
- The principles and fundamental notions of object-oriented design and programming
- The principles of UML class diagrams to represent an application using an object-oriented approach, and the use of the object-oriented programming language Java to implement the model designed.

Évaluation

L'évaluation des acquis d'apprentissage est réalisée en continu tout le long du semestre. En fonction des enseignements, elle peut prendre différentes formes : examen écrit, oral, compte-rendu, rapport écrit, évaluation par les pairs...