

# *Pedagogical Introduction*

## Java Programming

### *Lecture 0*

Karim Bouzoubaa





# *General information*



- ◆ **Instructors:** Karim Bouzoubaa & Abdelilah Maach
- ◆ **Days:** Wednesday 8h00 – 10h00  
&  
Wednesday 14h00 – 18h00

# *Course content*

1. Programmation de base en Java
2. Programmation OO en Java - Bases
3. Programmation OO en Java - Avancé
4. Interface Graphique & Programmation Événementielle
5. Connexion aux BDs



# *Other JAVA places*

## MIT Open Courseware : Java Preparation

<http://ocw.mit.edu/OcwWeb/Electrical-Engineering-and-Computer-Science/6-092January--IAP--2006/CourseHome/index.htm>

## Java Developer Tutorials and Online Training

<http://java.sun.com/developer/onlineTraining/index.jsp>

# *Learning modality*

- 1. Petit groupe*
- 2. Laboratoire*
- 3. Individuel**
- 4. Discussion**
- 5. Bibliothèque**
- 6. Travail assis (monter au tableau)**
- 7. Télévision**
- 8. Film**
- 9. Exposé magistral*

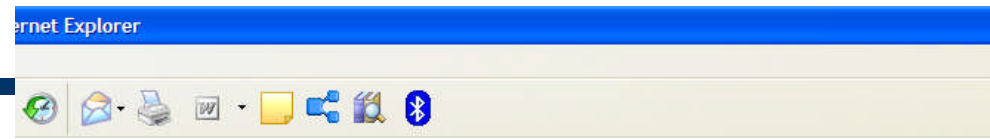


# *Grading*

- ◆ Programming assignments
  - No grading in first labs
  - Grading of every subsequent lab
  - Bring list of groups of 2 students (from 2<sup>nd</sup> lecture)

# Web site

[www.emi.ac.ma/bouzoubaa/courses/Java/](http://www.emi.ac.ma/bouzoubaa/courses/Java/)



## Java Programming

Instructor: Dr. Karim Bouzoubaa  
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- [Download j2sdk 5.0](#)
- [Download J2sdk 5.0 Documentation](#)
- [Java Tutorials](#)
- [Easy Eclipse IDE](#)
- [Download JHTP5-Slides](#)

## Description and objectives

This course introduces the principles of Java Programming, focusing on the following key areas:

- Basic Programming in Java
- OO Programming with Java
- Creating GUIs with Java
- Connecting to a DB

## Content

Chapter	Remarks
<a href="#">0- Introduction pédagogique</a>	
<a href="#">1- Premières applications</a>	
<a href="#">2- Applets et initiation OO Java</a>	
<a href="#">3- OO et initiation GUI</a>	
<a href="#">4- OO avancé</a>	
<a href="#">5- JDBC</a>	

## Useful Links

[java.sun.com](http://java.sun.com)  
[www.deitel.com](http://www.deitel.com)

# Course

## ◆ History of Java:

- Language for all appliances, many platforms (Win, Apple, Unix, IBM Warp, etc.)
- jdk 1.0, j2sdk 1.1 1.2 1.3 1.4
- j2sdk 1.5 → j2sdk 5.0
- JSE, JEE, JME, etc.
- <http://java.sun.com>

Prog
OS
Hard

## ◆ JSE, JRE (what to download)?

## ◆ C (C++), VB or Java?

## ◆ IDE

- Borland JBuilder, Symantec Visual Cafe, IBM visual Age, MS Visual J++, Oracle JDeveloper, etc.
- Oracle JDev, Sun NetBeans, Eclipse, MyEclipse

JVM
Prog
OS
Hard

# CD

