



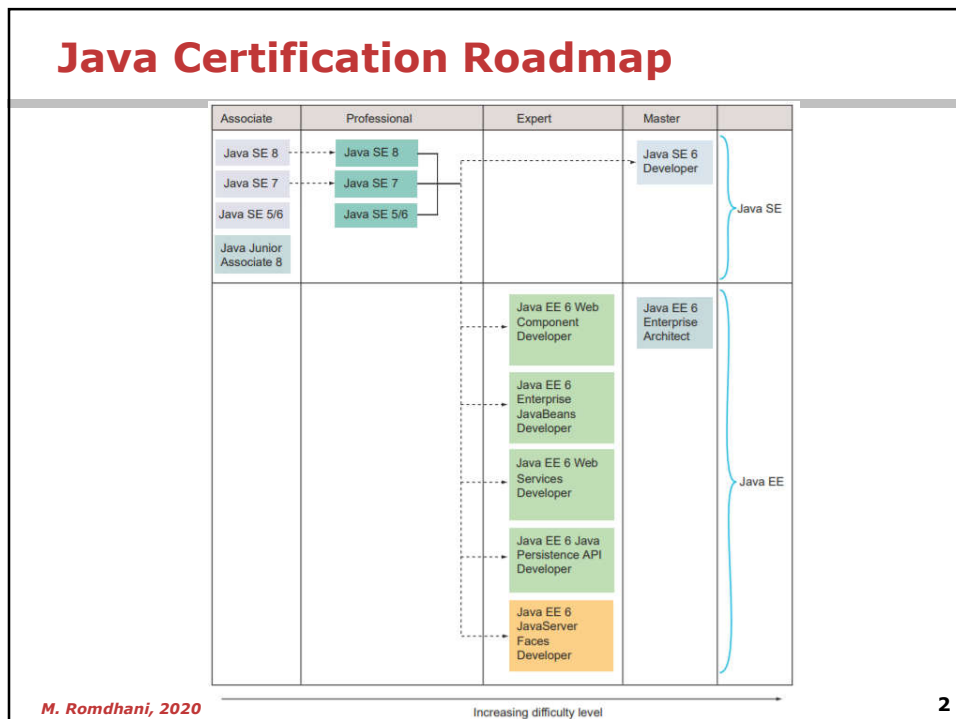
## Présentation de l'examen OCP Java SE 8 Programmer II 1Z0-809



Business  
Training




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## Java SE 8 Programmer II, Exam Information

- **Exam Number:** 1Z0-809/ **Exam Title:** Java SE 8 Programmer II

### Exam Details

<b>Exam Title:</b>	Java SE 8 Programmer II	<b>Duration:</b>	150 minutes
<b>Exam Number:</b>	1Z0-809	<b>Number of Questions:</b>	85
<b>Exam Price:</b>	€220 <a href="#">More on exam pricing</a>	<b>Passing Score:</b>	65%
<b>Format:</b>	Multiple Choice	<b>Validated Against:</b>	This exam is validated against Java SE 8.

[https://education.oracle.com/java-se-8-programmer-ii/pexam\\_1Z0-809](https://education.oracle.com/java-se-8-programmer-ii/pexam_1Z0-809)

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## Exam Topics

- Java Class Design
- Advanced Class Design
- Generics and Collections
- Lambda Built-In Functional Interfaces
- Java Stream API
- Exceptions and Assertions
- Use Java SE 8 Date/Time API
- Java I/O Fundamentals
- Java File I/O (NIO.2)
- Concurrency
- Building Database Applications with JDBC
- Localization

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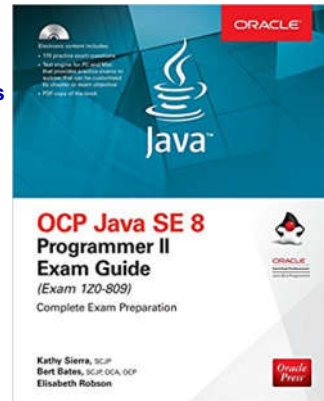
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## Plan du cours

- Le cours est basé sur l'ouvrage de Kathy Sierra, Bert Bates, Elisabeth Robson (publié en 2018) :

1. Declarations, access control, and enums
2. Object orientation
3. Assertions and exceptions
4. Dates, times, locales, and resource bundles
5. I/O and NIO
6. Generics and collections
7. Inner classes
8. Lambda expressions and functional interfaces
9. Streams
10. Threads
11. Concurrency
12. JDBC



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## Ouvrages recommandés

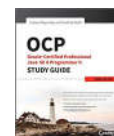
- Oracle Certified Professional Java SE 8 Programmer Exam 1Z0-809: A Comprehensive OCPJP 8 Certification Guide  
Ganesh, S.G., Kumar, Hari Kiran, Sharma, Tushar  
APRESS 2016



- Java 8 Programmer II Study Guide: Exam Esteban Herrera  
CreateSpace Independent Publishing Platform, 2016



- OCP: Oracle Certified Associate Java SE 8 Programmer II Study Guide: Exam 1Z0-809  
Jeanne Boyarsky, Scott Selikoff  
SYBEX 2016



- OCA / OCP Java SE 8 Programmer - Practice Tests  
Jeanne Boyarsky, Scott Selikoff  
SYBEX 2017



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## Documentation Oracle pour l'examen

- <https://docs.oracle.com/javase/tutorial/extra/certification/javase-8-programmer2.html>
  - Links to tutorials and technical documentation related to exam topics
  
- **Pages with Good Info**
  - <https://www.mkyong.com/java8/java-8-collectors-groupingby-and-mapping-example/>
  - <http://www.baeldung.com/java8>
  - <http://www.baeldung.com/java-fork-join>
  - <http://www.concretepage.com/java/jdk-8>
  - <https://ocpjava.wordpress.com/presentations/>
  - <http://www.java2s.com/Tutorials/Java/java.util.stream/Collectors/>
  
- **Study notes**
  - <https://gist.github.com/djangofan/9695f932f8d9666426da6ae3defc13db>

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## Why Getting this Certification ?

- To be a good "Java programmer", to be efficient, and to be fast, then memorization of Java API and fundamentals is necessary.
- Taking the time to get this certification is a clear signal of what my goals are and what I want to do with my career.
- This certification covers 30% more material than the 1.7 cert. People who don't have this certificate, mis-understand how difficult it is.
- Having the cert proves attention to detail, ability to learn, and organizational skills.
- Having this certification should enable me to be able to answer Java questions of any kind in a job interview.
- This certification gives me a strong foundation for deeper exploration in other areas like functional programming, Spring, data/IO work, etc.
- This certification is only the beginning of my growth. Achieving this allows me to set a higher goal to reach.

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## Why Getting this Certification ?

■ Also :

- Over **87%** agree that Oracle Certification enhances their professional credibility.
- **84%** of certified students have seen their job prospects improve.
- Over **70%** say that Oracle Certification improved their earning power.
- More than **83%** find themselves to be more productive in their jobs.
- Nearly **90%** of students say they're able to provide a higher level of service.
- **80%** of students confirm that Oracle Certifications help them tackle complex issues & projects.

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