Java in Education - Bring Java to Young Developers

JUG Leader name here
Where is Java used?
Where is Java used?

Wikipedia
The Free Encyclopedia
Where is Java used?
Popularity of programming languages

![TIOBE Programming Community Index](www.tiobe.com)
Language usage around the world
Insight into potential future trends
Java everywhere!

- #1 Programming Language
- 12+ Million Developers Run Java
- 51 Billion Active Virtual Machines
- 30 Billion Cloud Connected Virtual Machines
Which company uses Java?
How to get started with Java?

Institutions and teachers: Join Oracle Academy FREE

Oracle Academy provides you with a wide range of FREE teaching resources, including curriculum, classroom learning resources, software, cloud technology, practice environments, and much more.

academy.oracle.com
Java Explorer - 6+ hrs of free training

learn.oracle.com/ols/learning-path/java-explorer/40805/79726
Java Training & Certifications

diploma and certification requirements.
Workshop in a box

Java Curriculum

To help students advance object-oriented programming skills in Java, Oracle Academy offers Java Fundamentals, Java Foundations and Java Programming curriculum, designed for secondary and post-secondary learners. Artificial Intelligence with Machine Learning in Java is suited for more advanced students who have gained fundamental knowledge of object-oriented concepts, data structures, recursion, and Java terminology and syntax from those previous courses.

With Oracle Academy curriculum, students engage in hands-on learning in Java and also develop problem-solving, collaboration, and critical-thinking skills to help them advance in computing across industries.

academy.oracle.com/en/solutions-curriculum.html#java1-tab
Learn Java by building working applications

- Project-based learning: learn Java by building working applications.
- Knowledge Map with single-concept Java topics and connections between them.
- Your own personal study plan.
- Text-based tutorials and interactive challenges.
- Integration with professional JetBrains IDEs.
- A community of over 270k learners.
- After completing projects, publish them to GitHub to build your developer portfolio.

Extended 3-month free trial on JetBrains Academy: jb.gg/academy/java_in_education
JUGs around the World - Driving Adoption
# Next steps

## Educators/Community Leaders

1. Sign up as an Institutional Member of Oracle Academy to access Java resources including workshop in a box resources or full curriculum to utilize in the classroom to teach students.
2. If you work at an educational institution? Check to see if your institution is already a member.
3. JUG Leaders: Learn more by visiting the Oracle Academy website or contacting the Oracle Academy team; sign up as an Individual to teach a Workshop in a Box.

## Students

1. Take free Oracle University Java Explorer course.
2. Contact your local Java User Group (JUG).
3. Attend meetup and introduce yourself.
4. Ask for suggestions and recommendations for the JUG on the discussion list.
5. Offer to provide feedback and suggestions on your experience with (learning) Java.
Resources

Bring Java to next generation of developers:

https://jcp.org/java-in-education (join the groups.io list here)

• Presentation: https://community.oracle.com/docs/DOC-1038294

• Recording of JCP EC Meeting where it was presented available: https://jcp.org/aboutJava/communityprocess/ec-public/materials/2020-06-09/JCP-EC-Minutes-June-2020.html

• Coming soon:
  – How Java is used in Industry (hear from JCP Members)
  – How to host a discussion with your community members about getting involved with the initiative