



JAVA LEVEL 1 CERTIFICATION

Industry-Relevant
Programming Certification
for High School

codehs.com | hello@codehs.com

Why Offer Certifications?

By helping set students up for success, CodeHS Certifications provide verification that your students have learned industry-relevant skills from a secure, comprehensive exam.

Building skill credibility for students and future employers will also boost your district's computer science program.



Verify Industry-Relevant Skills & Knowledge



Develop a Professional Online Footprint



Build Skill Credibility for Future Careers

Certification Journey

STEP 1

Complete a CodeHS course.

STEP 2

Practice for the exam.

STEP 3

Set an exam date with your teacher.

STEP 4

Pass exam, tell the world!



CodeHS

Java Level 1 Certification Exam

The CodeHS Java Level 1 Certification Exam proves students' foundational understanding of Java topics and concepts. This certification can serve as a stepping stone for students' career aspirations and help build programming skill credibility.

Exam Details



Format: 45 Multiple Choice Questions



Delivery Method: Online Timed Exam



Cost: Request a quote to discuss pricing options for your school or district.



Prerequisites

There are no prerequisites to take the CodeHS Java Level 1 Certification Exam. We recommend that students take the CodeHS AP CSA Course to fully prepare for the exam.

Topics & Concepts Covered

Java Fundamentals

- Perform basic input and output using standard packages (including scanner)
- Evaluate the scope of a variable

Working with Data Types, Variables, and Expressions

- Understanding primitive variables including casting and arithmetic operations
- Strings and string methods including parsing
- Arrays - creating, manipulating, and traversing
- ArrayLists - creating, manipulating, and traversing
- 2D Arrays - creating, manipulating, and traversing

Implement Flow Control

- Boolean Expressions including understanding and evaluating logic expressions
- Iterations and Loops including for loops, for-each loops, and while loops

Perform Object-Oriented Programming

- Creating and using objects
- Writing classes, including methods, instance variables, and static methods
- Inheritance and polymorphism, but excludes abstract classes and interfaces
- Compile and Debug Code
- Troubleshoot syntax errors, logic errors, and runtime errors

Recursion

- General recursion analysis including understanding base case and execution counts





How to Bring Certifications to Your School

REQUEST A QUOTE

codehs.com/learnmore

Questions?

Contact the CodeHS Team at hello@codehs.com.