



## JAVA LEVEL 1 CERTIFICATION

Industry-Relevant  
Programming Certification  
for High School

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CodeHS

# 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.



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# 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

## Recursion

- General recursion analysis including understanding base case and execution counts



# Why Choose CodeHS Certifications?



## Secure Test Environment

Cheat prevention settings like focus mode, question randomizer, and time limits



## Fast Results

Exams scored and returned within 36 hours



## Comprehensive Preparation

Includes additional practice problems and exams



## Detailed Reporting

In-depth exam reports by student, section, and topic



## Shareable Achievement

Verifiable digital certificates for students who pass



## How to Bring Certifications to Your School

**REQUEST A QUOTE**

[codehs.com/learnmore](https://codehs.com/learnmore)

### Questions?

Contact the CodeHS Team at [hello@codehs.com](mailto:hello@codehs.com).



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