



# Certified Core Java Developer VS-1036

**Vskills Certifications**

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Skills for a secure future

# Certified Core Java Developer

## Certification Code VS-1036

Core Java Developer Certification helps demonstrate an individual's overall comprehension and expertise of Java programming language. VSkills Core Java Developer Certification holders have more than a working familiarity with Java programs—they are technically skilled to take advantage of the breadth of features efficiently and effectively.

Java is an open source and platform independent programming language whose APIs are easily accessible. It is widely used for client-server application, enterprise applications, dynamic web applications and web-services development and is in great demand in software companies, MNCs, Corporates and Government organizations.

## Why should one take this certification?

This Course is intended for professionals and graduates wanting to excel in their chosen areas. It is also well suited for those who are already working and would like to take certification for further career progression.

VSkills Core Java Developer Certification helps candidate differentiate in today's competitive job market, broaden their employment opportunities by displaying their advanced skills, and result in higher earning potential. VSkills Core Java Developer Certification can also lead to increased job satisfaction. Certified individuals have increased competency, productivity, and credibility with their employers, co-workers, and clients.

For employers, the certification provides skill-verification tools that not only help assess a person's skills in using Java programming language but also the ability to quickly complete on-the-job tasks across multiple programs.

## Who will benefit from taking this certification?

The certification benefits programmers, developer, software professionals and students who want to present themselves as truly knowledgeable and differentiate themselves in a competitive job market. It also helps hiring managers make job placement decisions. Managers who hire candidates with a VSkills Core Java Developer Certification are helping minimize training costs.

## Test Details:

- **Duration:** 60 minutes
- **No. of questions:** 50
- **Maximum marks:** 50, Passing marks: 25 (50%); There is no negative marking in this module.

### Fee Structure:

Rs. 3,499/- (Excludes taxes)\*

\*Fees may change without prior notice, please refer <http://www.vskills.in> for updated fees

### Companies that hire Vskills Certified Core Java Developer

Core Java Developers are in great demand. There are a lot of boutique niche companies, specializing in Integration Services, who are constantly hiring knowledgeable professionals. International job consultants also are constantly looking for Core Java Developer for overseas jobs. The skill is also greatly in demand in government projects.

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## **1. Language Fundamentals**

- 1.1. Basics of Java
- 1.2. Garbage Collections
- 1.3. Declarations and Access Control
- 1.4. Flow Control

## **2. Object Oriented Programming**

- 2.1. Inheritance
- 2.2. Encapsulation
- 2.3. Polymorphism

## **3. Exception Handling**

- 3.1. Exceptions
- 3.2. Errors
- 3.3. Try--catch--finally blocks
- 3.4. Throw and throws

## **4. Input Output**

- 4.1. File I/O
- 4.2. BufferedReader
- 4.3. Streams and Bytes Data

## **5. Java.lang**

- 5.1. Strings, StringBuffer

## **6. Collections**

- 6.1. Collections Interface
- 6.2. Vectors
- 6.3. ArrayList
- 6.4. Maps
- 6.5. Sets

## **7. Threads**

- 7.1. Basics of threads
- 7.2. Multithreading
- 7.3. AWT and Swings

## **8. AWT and Swings Package**

- 8.1. Frames
- 8.2. Panels
- 8.3. Frames Layout

**9. JDBC**

9.1.Connection to Database

9.2.Types of Statements

9.3.Types of Drivers

## Sample Questions

1. Which two create an instance of an array? (Choose two.)

- A. `int[] ia = new int[15];`
- B. `float fa = new float[20];`
- C. `char[] ca = "Some String";`
- D. `Object oa = new float[20];`

2. Given below is a programme,

```
public class ArrayTest {
    public static void main(String[] args){
        float f1[], f[];
        f1 = new float[10];
        f = f1;
        System.out.println("f[0] = " + f[0]);
    }
}
```

What is the result?

- A. It prints `f2[0] = 0.0`
- B. It prints `f2[0] = NaN`
- C. An error at `'f2 = f1;'` causes compile to fail.
- D. An error at `'System.out.println("f2[0] = " + f2[0]);'` causes compile to fail.

3. Which two cause a compiler error? (Choose two.)

- A. `int[] scores = {3, 5, 7};`
- B. `int[][] scores = {2,7,6}, {9,3,45};`
- C. `String cats[] = {"Fluffy", "Spot", "Zeus"};`
- D. `boolean results[] = new boolean {3} {true, false, true};`

4. Which three form part of correct array declarations? (Choose three.)

- A. `public int a []`
- B. `static int [] a`
- C. `public [] int a`
- D. `public final int [] a`

5. Which two cause a compiler error? (Choose two.)

- A. `float[] f = new float(3);`
- B. `float f2[] = new float[];`
- C. `float[] f1 = new float[3];`
- D. `float f3[] = new float[3];`

**Answers:** 1 (A, D), 2 (A), 3 (B,D), 4 (A,B,D), 5 (A,B)

## Certifications

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- Certified GAAP Accounting Standards Professional
- Certified Financial Risk Management Professional
- Certified Merger and Acquisition Analyst
- Certified Tally 9.0 Professional
- Certified Treasury Market Professional
- Certified Wealth Manager

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- Certified Inbound Marketing Professional
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**& many more job related certifications**

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