

# Difference Between Core Java and Advanced Java

Core Java and Advanced Java both are essential for [GATE CSE exam](#) perspective. The Core Java has thread concept, swings, AWT, etc. whereas the Advanced Java has applications used in enterprises and other web applications.

## Key Differences Between Core Java and Advanced Java

### Core Java

This part of Java programming language is used to construct the basic applications.

Core Java comprises Java Standard Edition(J2SE).

Core Java is essential for all further versions of the languages and even Advanced Java as well.

It has sections like data types, loops, threading, etc.

Called "Stand Alone" language. It has only 1 tier.

### Advanced Java

Advanced java is used to build the advanced applications.

Advanced Java comprises Java Enterprise Edition(J2EE).

Advanced Java is the specialization of the Core Java hence requires it for basic functioning.

All sections of Core Java along with web service, servlets, etc. are there.

It has 2 tiers known as backend and client end.

## What is Core Java?

Core Java is the basic programming language used to build the basic and general applications. It is also called the Java Standard Edition(J2SE). OOP(object-oriented programming) and its concepts are used in this. Core Java and its concepts are essential for questions in the [GATE question paper](#). The main functions of OOP language are used here in Core Java are:

- Encapsulation,
- Polymorphism,
- Abstraction, and
- Inheritance

Core Java can be understood better with understanding the [difference between Java and Core Java](#). As Java is the super set of Core Java, similarly the Core Java is super set of the Advanced Java.

## What is Advanced Java?

The Advance Java is the upgraded and advance version of the Core Java. It is called Java Enterprise Edition(J2EE). Advanced Java is integral part of the [GATE CSE syllabus](#). Advanced Java is also called the standard Java API.

The Advanced Java carried various topics such as web services, database connectivity, JSP, Servlets, EJB, etc. The reach of this language is up to DOM (web), Networking, Database, etc, which is very limited. All the advanced concepts of the Java are covered in this programming language.

