

### Brief History

Java is one of the most popular programming languages worldwide. It was created by James Gosling and Patrick Naughton, employees of Sun Microsystems, with support from Bill Joy, co-founder of Sun Microsystems. Sun officially presented the Java language at SunWorld on May 23, 1995. Then, in 2009, the Oracle company bought the Sun company, which explains why the language now belongs to Oracle. Features Thanks to its excellent features, Java has become a popular and useful programming language. Sun characterized it as being: Compiled and Interpreted Platform Independent and Portable Object-Oriented Robust and Secure Distributed Familiar, Simple and Small Multi-threaded and Interactive High Performance Dynamic and Extensible Source:

### Vital Features

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### Companies that used the language

"Programming with Java" – E Balagurusamy. 10057 companies reportedly use Java in their tech stacks, including Uber, Airbnb, and Google. Uber. Airbnb. Google. Pinterest. Netflix. Instagram. Spotify. Amazon, etc.

### Basic syntax

**Object** – Objects are known to possess states and behaviors. For instance: A human being has states - color, name, and behavior and emotions. An object is also known as the instance of the class.

**Class** – It can be basically defined as a template/blueprint that is used to describe the behavior/state that is being supported by the objects.

**Methods** – A behavior of anything is simply known as a Method. Many methods can be contained in a class. The methods are responsible for the manipulation of written logics and execution of all the actions.

**Instance Variables** – Every object has its own unique set of instance variables. And the state of an object is generally created by the values that are assigned to these instance variables

### Reasons why you are interested with this language

-Java is the most in-demand programming language.

-The sky's the limit for what you can build with Java.

-Java developers make great money

-Java has deep community support.

-Java is beginner-friendly.



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