

To: Dr. Weaver
From: Simone Roberts
November 14, 2025
Re: Infographic Memo

Document Overview

The document below is an infographic focused on introducing the programming language, Java, to beginning programmers.

Discussion

I chose Java because it's a very common programming language and is typically chosen as an entry-level language for those beginning computer programming. Explaining programming languages is like explaining a tool, it's best to stick to where it's utilized and how people use it rather than how it works.

My graphic is aimed at beginning programmers, but also those who may be a bit familiar with a previous language who may be interested in using Java. To appeal to these two audiences, I focused on informing the audience of how many people use the language, where it can be used, along with some of its qualities. I decided to include the Minecraft fun fact to add a bit of dimension to the graphic and Java's versatility. The companies have been included for career-focus and real-life applications following all the qualities listed above it. To appeal specifically to beginner programmers, more complex descriptions are elaborated, such as describing Object Oriented programming. As for the visuals, I kept things simple and chose colors like those in the Java logo. I went with brighter colors to make it more eye-catching. I also used ample icons and logos that are recognizable to most in a general audience.

JAVA: A VERSATILE PROGRAMMING LANGUAGE



OBJECT ORIENTED

Objects, units with data and functions, are created and operated on within the language.

(GeeksforGeeks, 2020, September 5)



AN INDUSTRY STANDARD

Java is used in many industries, from Finance to Healthcare.

(GeeksforGeeks, 2020 September 5)



SECURE

Java's handling of computer memory and errors makes it a secure choice.

(GeeksforGeeks, 2020 November 7)



APPLICATION DEVELOPMENT

Java is commonly used to develop web and mobile applications.

(GeeksforGeeks, 2020, September 5)

COMPANIES THAT USE JAVA



amazon

(Amazon Inc., 2025)

NETFLIX

(Netflix Inc., 2025)

POPULAR

9 Million

developers use Java to build projects.

(How Many Software Developers Are There In The World In 2024?, 2024)



DID YOU KNOW?

Fun Fact: Minecraft, one of the best-selling video games of all time, was originally written in Java.

(Moniz, A. 2025; Best-selling videogame, 2019)

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