

# JAVA PROGRAMMING

Vinnytsia National Technical University

**Анотація:** у статті дано визначення поняття java, написано, де використовується java, історія виникнення мови.

**Ключові слова:** java, програмування, особливості.

**Abstract:** the article defines the concept of java, describes where java is used, and the history of the language.

**Keywords:** java, programming, features.

Java is a programming language and computing platform first released by Sun Microsystems in 1995. It has evolved from humble beginnings to power a large share of today's digital world, by providing the reliable platform upon which many services and applications are built. New, innovative products and digital services designed for the future continue to rely on Java, as well. [1]

Java is owned by Oracle, and more than 3 billion devices run Java.

### It is used for:

- Mobile applications (specially Android apps)
- Desktop applications
- Web applications
- Web servers and application servers
- Games
- Database connection
- And much, much more! [2]

Java is primarily a language used for server applications in large corporations. Java is especially often used in banks, insurance companies, retail chains, etc. For example, banks like Deutsche Bank, Citigroup, Barclays, Goldman Sachs use Java to write back-end and front-end office electronic systems, etc. Another example: the backend of Google+ is written in Java. Almost all programs on devices that use Android are written in Java using Google and the Android API. Desktop applications, software and development tools: for example, Eclipse, Netbeans IDE, jEdit (Programmer's Text Editor), jDownloader (open-source download management tool). Java is also used on smart cards and sensors. For example, bank cards use Java.

### History

James Gosling, Mike Sheridan, and Patrick Naughton initiated the Java language project in June 1991. Java was originally designed for interactive television, but it was too advanced for the digital cable television industry at the time. The language was initially called *Oak* after an oak tree that stood outside Gosling's office. Later the project went by the name *Green* and was finally renamed *Java*, from Java coffee, a type of coffee from Indonesia. [3]

### СПИСОК ВИКОРИСТАНОЇ ЛІТЕРАТУРИ

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