

## Java Functional Programming

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Functional programming is one of many such paradigms. It emphasizes on declarative aspects of programming where business logic is composed of pure functions, an idea that somewhat contrasts the essence of object-oriented methodology. Intriguingly, Java imbibed this technique within the syntactic structure of the language pretty well.

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Functional programming, being a subset of declarative programming, offers several constructs like higher-order functions, function composition, and function chaining. Think of the benefits that Stream API has brought into Java 8 for handling data manipulations.

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Java functional programming comes into existence after Java 8 th version onwards. Functional programming means a fundamental change in the approach of problem-solving. Functional programming allowing programming with expressions (declaring functions), passing functions as arguments and also used functions as statements.

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The term Java functional programming refers to functional programming in Java. Functional programming in Java has not been easy historically, and there were even several aspects of functional programming that were not even really possible in Java.

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