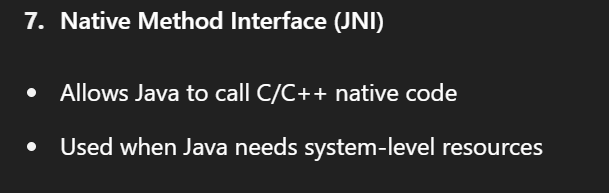
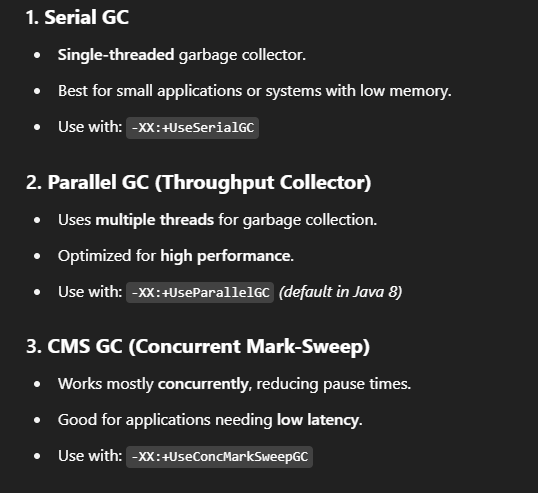


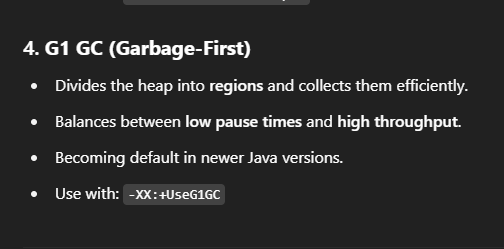
A screenshot of a computer program

AI-generated content may be incorrect.



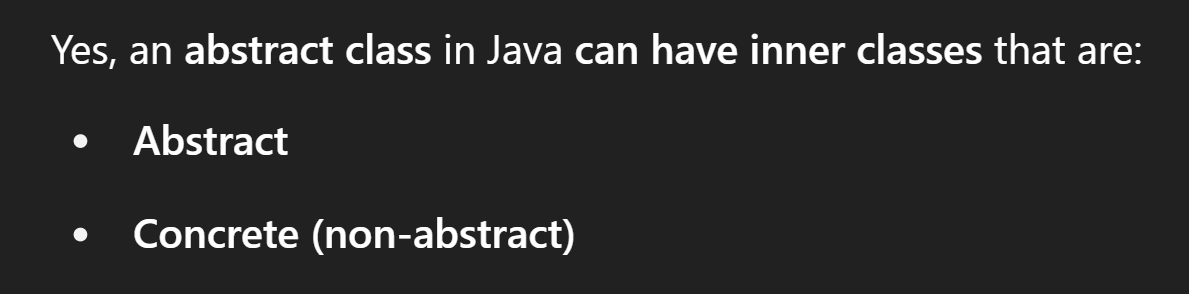


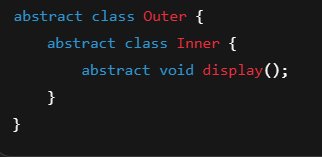


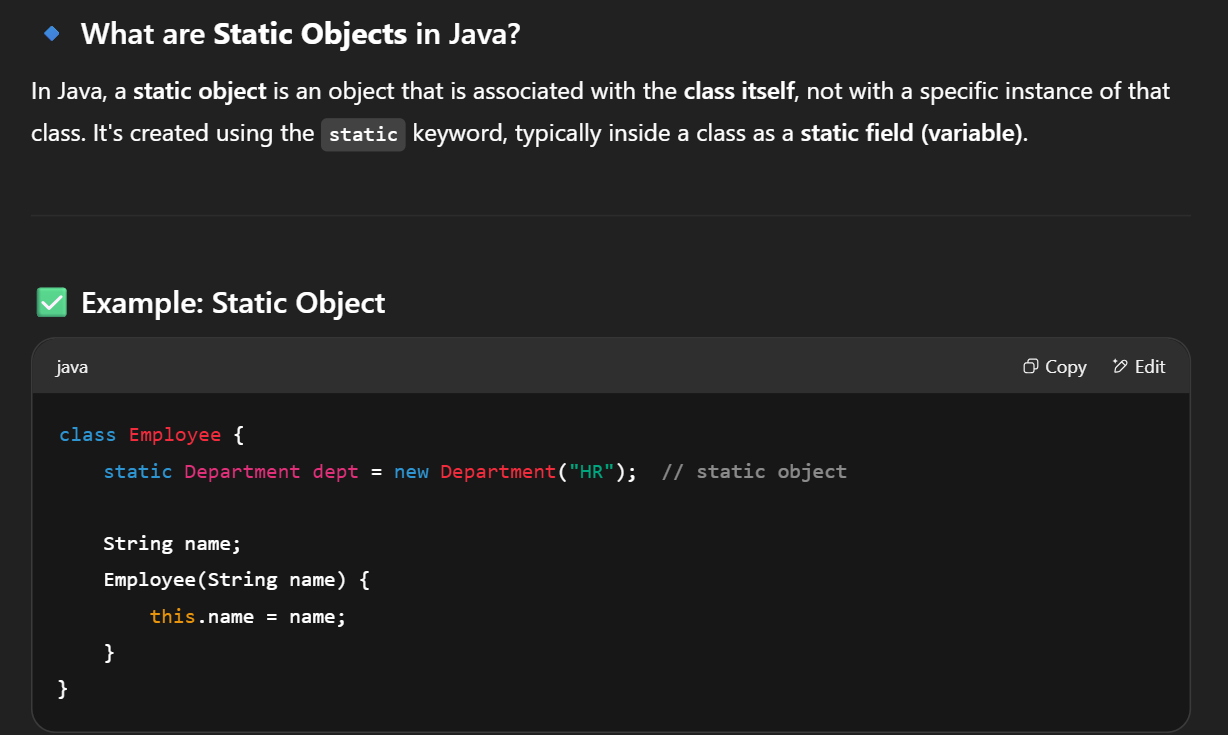


A screenshot of a black screen

AI-generated content may be incorrect.







Static objects are helpful when you want a single shared instance that is available globally, without creating multiple objects.

A black background with white text

AI-generated content may be incorrect.

A black and white text

AI-generated content may be incorrect.

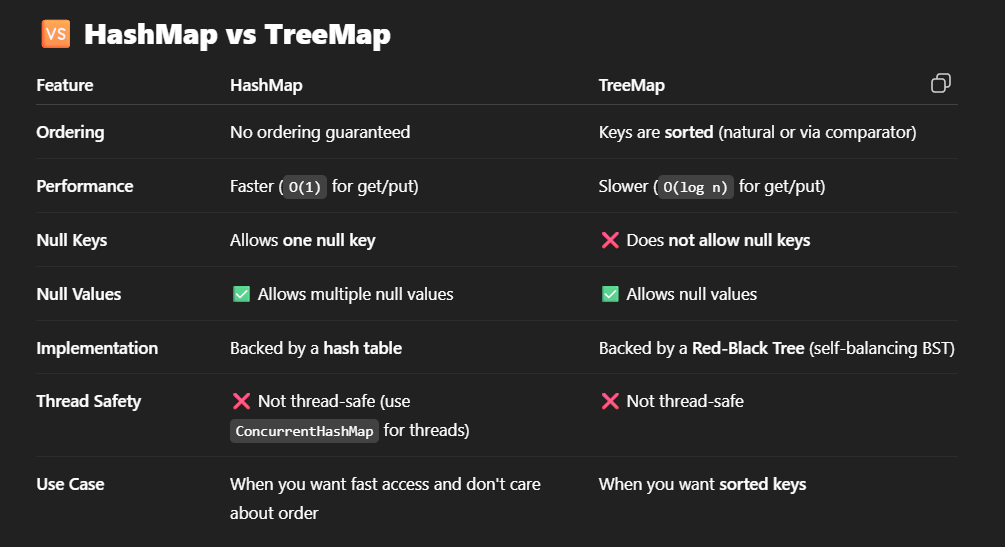


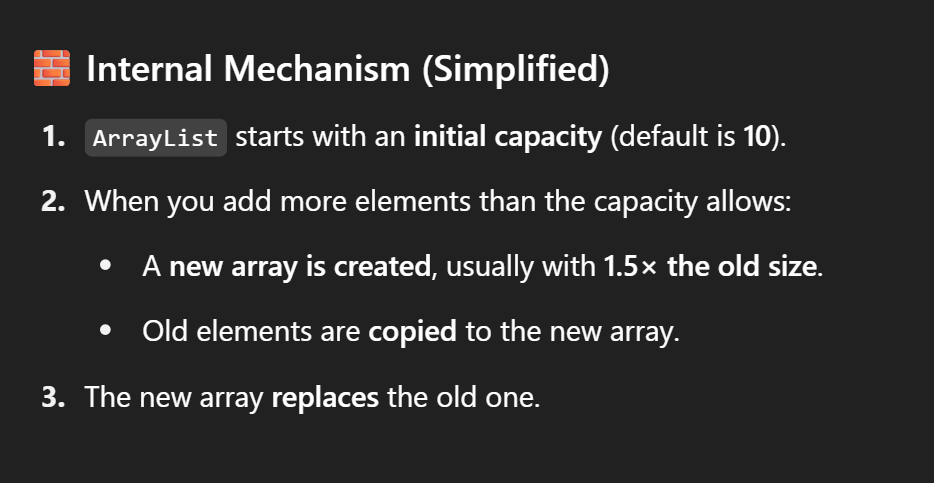
A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer program

AI-generated content may be incorrect.





Arrays.copyOf

Use grow function

A screenshot of a computer program

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A screenshot of a computer

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A black rectangular object with a black border

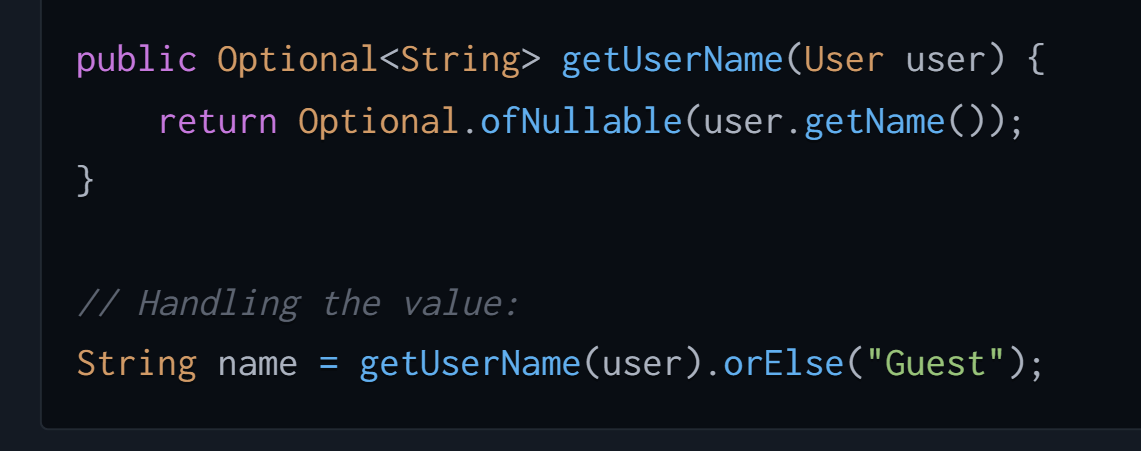
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A screenshot of a computer

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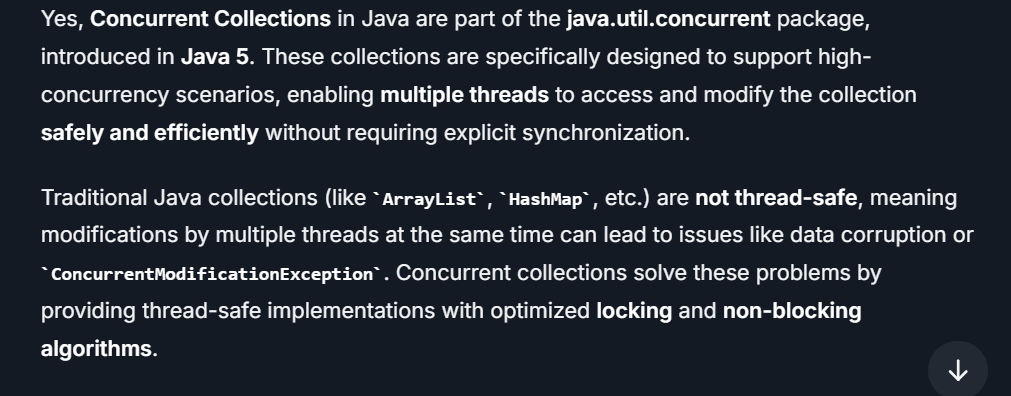
A screenshot of a computer program

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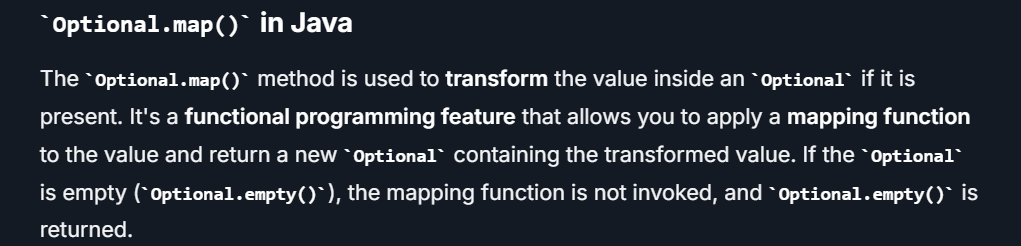
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**ConcurrentHashMap**

**CopyOnWriteArrayList**



A screen shot of a computer

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A screenshot of a computer program

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**What is JUnit?**

**JUnit** is a **Java-based unit testing framework** that is widely used to test individual units of an application, such as methods, classes, or small modules. It is part of the **xUnit** family of testing frameworks for various programming languages, and it allows developers to write and run automated tests for their code.

**TDD (Test-Driven Development)** is a **software development approach** where tests are written **before writing the actual code**. It is a part of **Agile methodologies** and emphasizes writing tests first, then developing the functionality to pass the tests, and finally refactoring the code.

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AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

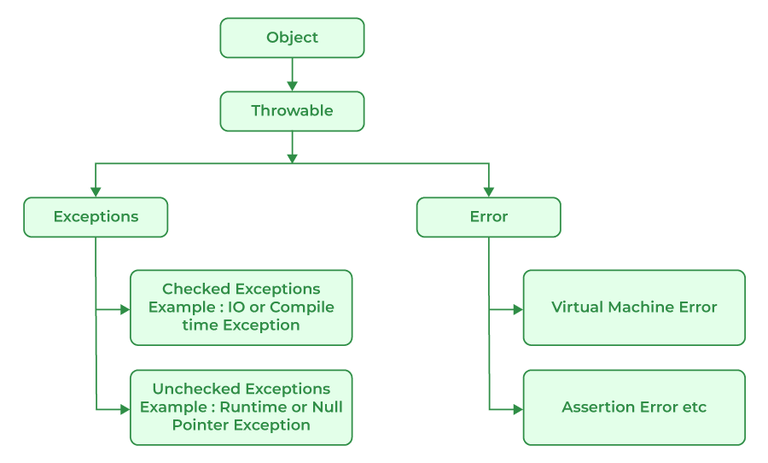
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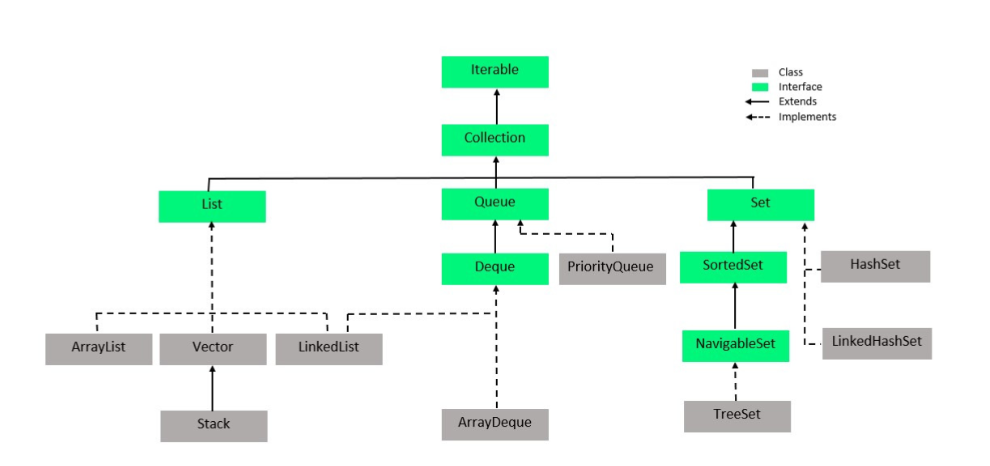
A screenshot of a computer program

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A screenshot of a computer program

AI-generated content may be incorrect.



A diagram of a diagram

AI-generated content may be incorrect.

