

String Class, Documentation

The screenshot shows the Oracle Java documentation page for the `String` class. The browser address bar shows the URL `https://docs.oracle.com/javase/8/docs/api/java/lang/String.html`. The page header includes navigation links like 'Overview', 'Package', 'Class', 'Use Tree', 'Deprecated', 'Index', and 'Help'. Below the header, there are links for 'Prev Class', 'Next Class', 'Frames', 'No Frames', and 'All Classes'. The main content area shows the class name 'String' and its inheritance hierarchy: `java.lang.Object` and `java.lang.String`. It also lists implemented interfaces: `Serializable`, `CharSequence`, and `Comparable<String>`. The code snippet shows the class declaration: `public final class String` extending `Object` and implementing `Serializable`, `Comparable<String>`, and `CharSequence`. A paragraph explains that the `String` class represents character strings and that all string literals in Java programs are implemented as instances of this class. Another paragraph states that `String` objects are constant and immutable, and that `StringBuffer` supports mutable strings. The example code shows `String str = "abc";` and its equivalent using a character array: `char data[] = {'a', 'b', 'c'};` followed by `String str = new String(data);`.

compact1, compact2, compact3
java.lang

Class String

java.lang.Object
java.lang.String

All implemented interfaces:
Serializable, CharSequence, Comparable<String>

```
public final class String
extends Object
implements Serializable, Comparable<String>, CharSequence
```

The `String` class represents character strings. All string literals in Java programs, such as `"abc"`, are implemented as instances of this class.

`String` are constant; their values cannot be changed after they are created. `StringBuffer` support mutable strings. Because `String` objects are immutable they can be shared. For example:

```
String str = "abc";
```

is equivalent to:

```
char data[] = {'a', 'b', 'c'};
String str = new String(data);
```

Java Documentation String

LM Reder



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Table of Contents Java Documentation String

1. Understanding the eBook Java Documentation String
 - The Rise of Digital Reading Java Documentation String
 - Advantages of eBooks Over Traditional Books
2. Identifying Java Documentation String
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Java Documentation String
 - User-Friendly Interface
4. Exploring eBook Recommendations from Java Documentation String
 - Personalized Recommendations
 - Java Documentation String User Reviews and Ratings

- Java Documentation String and Bestseller Lists
- 5. Accessing Java Documentation String Free and Paid eBooks
 - Java Documentation String Public Domain eBooks
 - Java Documentation String eBook Subscription Services
 - Java Documentation String Budget-Friendly Options
- 6. Navigating Java Documentation String eBook Formats
 - ePub, PDF, MOBI, and More
 - Java Documentation String Compatibility with Devices
 - Java Documentation String Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Java Documentation String
 - Highlighting and Note-Taking Java Documentation String
 - Interactive Elements Java Documentation String
- 8. Staying Engaged with Java Documentation String
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Java Documentation String
- 9. Balancing eBooks and Physical Books Java Documentation String
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Java Documentation String
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Java Documentation String
 - Setting Reading Goals Java Documentation String
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Java Documentation String
 - Fact-Checking eBook Content of Java Documentation String
 - Distinguishing Credible Sources

13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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