

Menu **▼**

Log in





HTML CSS







Java final Keyword

Java Keywords

Example

Set a variable to final, to prevent it from being overridden/modified:

```
public class Main {
    final int x = 10;

public static void main(String[] args) {
    Main myObj = new Main();
    myObj.x = 25; // will generate an error: cannot assign a value to a final va System.out.println(myObj.x);
  }
}
```

Try it Yourself »

Definition and Usage

The **final** keyword is a non-access modifier used for classes, attributes and methods, which makes them non-changeable (impossible to inherit or override).

The final keyword is useful when you want a variable to always store the same value, like PI (3.14159...).

The final keyword is called a "modifier". You will learn more about these in the <u>Java Modifiers Chapter</u>.

Related Pages

Read more about attributes our <u>Java Class Attributes Tutorial</u>.

√ Java Keywords

ADVERTISEMENT

NEW

We just launched W3Schools videos



Explore now

9/3/22, 8:36 PM Java final Keyword

COLOR PICKER











Get certified by completing a Java course today!



Get started

CODE GAME



Play Game

ADVERTISEMENT

ADVERTISEMENT

Report Error

Spaces

Pro

Buy Certificate

Top Tutorials

HTML Tutorial

CSS Tutorial

JavaScript Tutorial

How To Tutorial

SQL Tutorial

Python Tutorial

W3.CSS Tutorial

Bootstrap Tutorial

PHP Tutorial

Java Tutorial

C++ Tutorial

jQuery Tutorial

Top References

HTML Reference CSS Reference JavaScript Reference SQL Reference Python Reference
W3.CSS Reference
Bootstrap Reference
PHP Reference
HTML Colors
Java Reference
Angular Reference
jQuery Reference

Top Examples

HTML Examples
CSS Examples
JavaScript Examples
How To Examples
SQL Examples
Python Examples
W3.CSS Examples
Bootstrap Examples
PHP Examples
Java Examples
XML Examples
jQuery Examples

Get Certified

HTML Certificate
CSS Certificate
JavaScript Certificate
Front End Certificate
SQL Certificate
Python Certificate
PHP Certificate
jQuery Certificate
Java Certificate
C++ Certificate
C# Certificate
XML Certificate

FORUM | ABOUT

W3Schools is optimized for learning and training. Examples might be simplified to improve reading and learning. Tutorials, references, and examples are constantly reviewed to avoid errors, but we cannot warrant full correctness of all content. While using W3Schools, you agree to have read and accepted our terms of use, cookie and privacy policy.

Copyright 1999-2022 by Refsnes Data. All Rights Reserved. W3Schools is Powered by W3.CSS.

