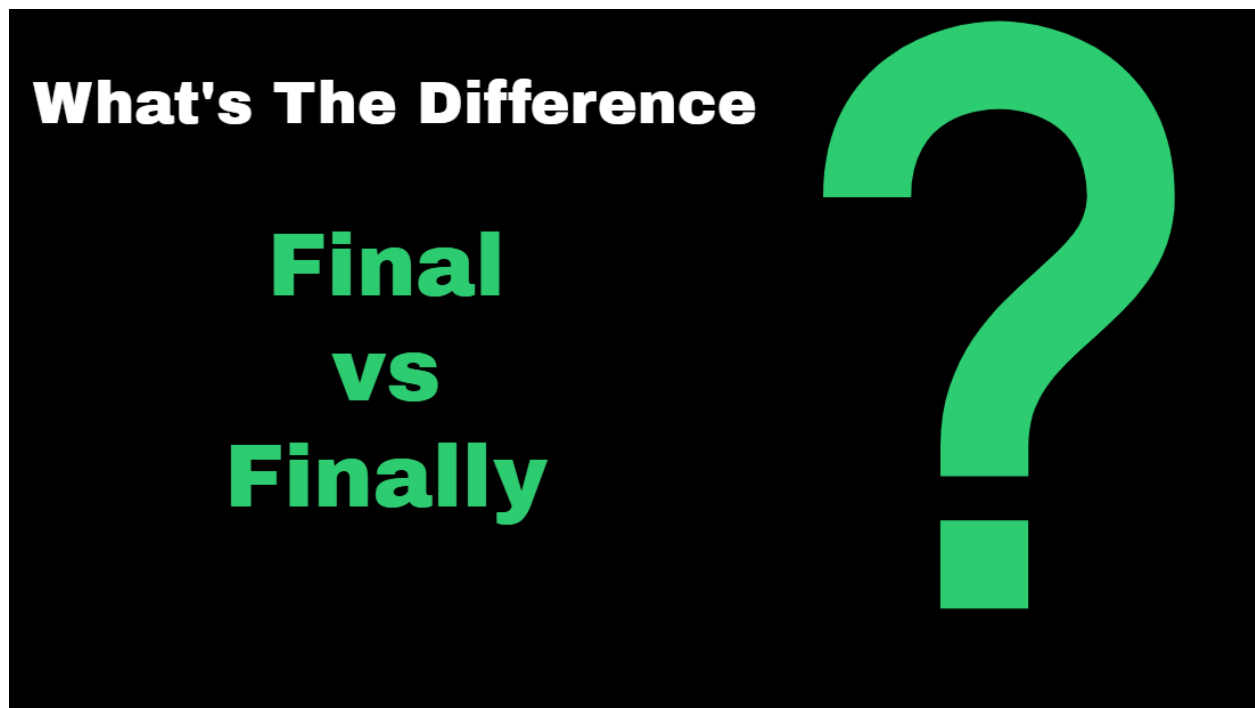# (Transcript) What's The Difference Between Final and Finally?

What's the difference between Java's finally and final keywords? The keyword final is used to protect variables, methods, and classes from changing in a program. Reserved word finally is defined as a block of code that executes after exiting a try/catch block.

Variables marked final cannot be reassigned. The value can only be initialized one time. Final methods cannot be overridden. If we make an attempt to override a final method then we receive a compile-time error. We also receive a compile-time error when making a class final then trying to extend the class. The error message says "cannot subclass the final class".

Keyword finally is different because it deals with try/catch blocks. The purpose of a try/catch block is to handle an exception. An exception is a problem with our program. The try block is used to monitor code that may cause an exception while Catch is a block of code that's used to handle an exception if an exception is thrown. The finally block will be executed automatically when execution leaves a try/catch block. It will execute if there is an exception, not an exception, or return from the method.

That's it for the difference between final and finally keywords.