

# Java for beginners

final



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# Agenda

- ① final instance variable
- ② final static variable
- ③ final local variable
- ④ final class
- ⑤ final method

# final instance variable

- A Java variable can be declared using the keyword **final**.
- final variable can be assigned only once.
- A variable that is declared as final and not initialized is called a **blank final variable**.

A blank final variable forces either the constructors or initialization block to initialize it or assign value during declaration.

## Final Static Variable

A static variable that is declared as final and not initialized is called a **blank static final variable**.

A blank static final variable forces static initialization block to initialize it or assign value during declaration.

## Final local Variable

Local variables that are final must be initialized before it's use, but you should remember this rule is applicable to non final local variables too.

Final local variable once initialized cannot be changed.

# Final Class

Java Classes declared **final**  
cannot be extended.

Restricting inheritance.

# Final Method

Methods declared as final  
cannot be overridden.



