

# Final Keyword

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# Final

- ★ What is Final?
  - ★ Final Variable
  - ★ Final Method
  - ★ Final Class
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## ★ What is Final?

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★ The final keywords in Java is used to restrict the user.

The Final Can be

2.1] Variable

2.2] Method

2.3] Class

## ★ Final Variable

— If `final` is apply to the variable then variable value will not change. It will constant.

### 2.1] Blank Final Variable :

- ★ The final variable that have no value is called blank final variable OR Uninitialized final variable. It can be initialized in Constructor.

### 2.2] Static Blank Final Variable :

- ★ A static final variable that is not initialized at the time of declaration is known as static blank final variable.
- ★ It can be initialized only in static block.

## ★ Final Method

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★ If final is applied to method then the method can't be overridden.

Q. If don't override final method and also private method So what is the difference between both.

Ans - final method we can't override but we can access outside of the class by creating object, but we can't access private method outside of class.

Also static method we can't override and we can access static method by class name directly.

## ★ Final Class

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- ★ If final is applied to class then that class can't be extended.
- ★ All methods from Final class will be by default final.

Thank you

