Final Keyword In Java

1. [Final variable](https://www.javatpoint.com/final-keyword#finalv)
2. [Final method](https://www.javatpoint.com/final-keyword#finalm)
3. [Final class](https://www.javatpoint.com/final-keyword#finalc)
4. [Is final method inherited ?](https://www.javatpoint.com/final-keyword#finalisinherited)
5. [Blank final variable](https://www.javatpoint.com/final-keyword#finalblank)
6. [Static blank final variable](https://www.javatpoint.com/final-keyword#finalstaticblank)
7. [Final parameter](https://www.javatpoint.com/final-keyword#finalpara)
8. [Can you declare a final constructor](https://www.javatpoint.com/final-keyword#finalcons)

The **final keyword** in java is used to restrict the user. The java final keyword can be used in many context. Final can be:

1. variable
2. method
3. class

The final keyword can be applied with the variables, a final variable that have no value it is called blank final variable or uninitialized final variable. It can be initialized in the constructor only. The blank final variable can be static also which will be initialized in the static block only. We will have detailed learning of these. Let's first learn the basics of final keyword.



1) Java final variable

If you make any variable as final, you cannot change the value of final variable(It will be constant).

## 2) Java final method

If you make any method as final, you cannot override it.

## 3) Java final class

If you make any class as final, you cannot extend it.

### **What is blank or uninitialized final variable?**

A final variable that is not initialized at the time of declaration is known as blank final variable.

If you want to create a variable that is initialized at the time of creating object and once initialized may not be changed, it is useful. For example PAN CARD number of an employee.

### **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.

### **Example of static blank final variable**

1. **class** A{
2. **static** **final** **int** data;//static blank final variable
3. **static**{ data=50;}
4. **public** **static** **void** main(String args[]){
5. System.out.println(A.data);
6. }
7. }