

Understanding 'Final' keyword

- The **final keyword** in java is used to restrict the user.
- 'final' keyword is used in three ways:

It is used to declare constants as:

✓ Final double Pi=3.14159; //PI is constant

It is used to prevent inheritance as:

✓ Final class A // sub class to A cant be created

It is used to stop method Overriding as:

✓ Final sum() // sum() method can't be overridden

- The final can be:
 - Variable
 - Method
 - Class

Java Final Keyword

⇒ Stop Value Change

⇒ Stop Method Overriding

⇒ Stop Inheritance

'final' Variable:

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

'final' Method:

- If you make any method as final, you **cannot override** it. Because they are not available to sub classes. So only **overloading is possible**.

'final' Class:

- If you make any class as final, you **cannot extend it**. It means sub classes can't be created to final class