# **Final**

**Can a main() method be declared final?**

Yes. Any inheriting class will not be able to have it's own default main() method. Because final method can’t be overridden.

**package** FPPackage;

**class** ParentClass {

**public** **static** **final** **void** main(String[] args) {

}

}

**public** **class** FinalKeywordEx **extends** ParentClass{

**public** **static** **void** main(String[] args) { //Error: Can not override the final method from parent class

}

}

**What is the purpose of declaring a variable as final?**

A final variable's value can't be changed. final variables should be initialized before using them.

A general example is constructing a house. When you are constructing a house, the total sq. foot available is constant. So, this is a final variable.

**What is the impact of declaring a method as final?**

A method declared as final can't be overridden. A sub-class can't have the same method signature with a different implementation.

**I don't want my class to be inherited by any other class. What should i do?**

You should declared your class as final. But you can't define your class as final, if it is an abstract class. A class declared as final can't be extended by any other class.

**Can you give few examples of final classes defined in Java API?**

java.lang.String, java.lang.Math are final classes.

**How is final different from finally and finalize()?**

final is a modifier which can be applied to a class or a method or a variable. final class can't be inherited, final method can't be overridden and final variable can't be changed.   
  
finally is an exception handling code section which gets executed whether an exception is raised or not by the try block code segment.   
  
finalize() is a method of Object class which will be executed by the JVM just before garbage collecting object to give a final chance for resource releasing activity.

**What does it mean that a class or member is final?**

A final class cannot be inherited. A final method cannot be overridden in a subclass. A final field cannot be changed after it's initialized, and it must include an initializer statement where it's declared.

**What are constants and how to create constants in java?**

Constants are fixed values whose values cannot be changed during the execution of program. We create constants in java using final keyword.

Ex : final int number =10;

final String str=”Subbus Selenium Tutorials”