

Abstract	Interface
Could extend <b>one</b> class	Could extends <b>any</b> number of interfaces
Can extend <b>class</b> or <b>abstract class</b>	Can only extends <b>interface</b>
Can have <b>abstract</b> and <b>concrete</b> methods	Can only have <b>abstract</b> methods
A class can extend only <b>one</b> abstract class	A class can implement <b>any number</b> interfaces
Keyword 'abstract' is <b>mandatory</b> to declare a method as an abstract	Keyword 'abstract' is <b>optional</b> because all methods are abstract by default
Can have <b>protected</b> , <b>public</b> and <b>public abstract</b> method	Can have <b>public</b> abstract method by default
Can have <b>static</b> , <b>final</b> , <b>static final</b> variable	Can have only <b>static final(constant)</b> variable

## Java 8 primitive types

Byte 8bits, short 16bits, int 32bits, long 64bits, float 32bits, double 64bits, boolean is not precisely defined, char 16bits.

Final	Finally	Finalize
Used to apply restrictions on class, method and variable. Final class can't be inherited, final method can't be overridden and final variable value can't be changed.	Used to place important code, it will be executed whether exception is handled or not.	Used to perform clean up processing just before object is garbage collected.
Keyword	Block	method

Object	Class
an <b>instance</b> of a class	a <b>blueprint</b> or <b>template</b> of objects
a real world <b>entity</b>	a <b>group</b> of <b>similar</b> objects
<b>physical</b> entity	<b>logical</b> entity
created through <b>new</b> keyword mainly	declared using <b>class</b> keyword
created <b>many</b> times	declared <b>once</b>
<b>Allocates</b> memory when created	<b>Doesn't allocated</b> memory when created
<b>many ways</b> to create object in java such as new keyword, newInstance() method, clone() method, factory method and deserialization	only <b>one way</b> to define class in java using class keyword