





<pre>Overloaded extends Object { public class Overloaded extends Object { public int tryMe (Object o) { return 17; } public int tryMe (String s) { return 23; } public boolean equals (String s) { return true; } public boolean equals (Object) is inherited from Object</pre>	<pre>Develoaded (public class Overloaded { public int tryMe (Object o) { return 17; public int tryMe (String s) { verloaded over = new Overloaded (); System.err.println (over.tryMe (over)); System.err.println (over.tryMe (new String ("test"))); System.err.println (over.tryMe (new String ("test"))); System.err.println (over.equals (new String ("test"))); System.err.println (over.equals (new String ("test"))); System.err.println (obj2.equals (new String ("test"))); true false false</pre>
<pre>public class Overwhelming { public int tryMe {Object o, String s} { return 17; public int tryMe {String s, Object o} { return 23; public static void main{String[] args} { Overwhelming over = new Overwhelming [; System.err.println (over.tryMe ("test1", "test2")); } Compiler error: The method tryMe{Object, String} is ambiguous for the type Overwhelming</pre>	 Overloading and overriding together can be overwhelming! Avoid overloading whenever possible: names are cheap and plentiful One place you can't easily avoid it: constructors (they all have to have the same name) But, can make static "factory" methods instead (this is usually better)
from Class 2 Java Buzzword Description	

"A simple, object-oriented, distributed, interpreted, robust, secure, architecture neutral, portable, high-performance, multithreaded, and dynamic language."

[Sun95]

Later in the course, we will discuss how well it satisfies these "buzzwords".