Amanda Alfaro CSC 3380 Homework 6

	Java	C++	C#	Eiffel
Encapsulation-hiding the internal details of an object	Allows control of interface to the descendants(able to use keywords such as protected,public, and private that can be applied to methods to control visibility) Java has packages	Allows control of interface to the descendants(able to use keywords such as protected,public, and private that can be applied to methods to control visibility)	Uses five types of modifiers: private, public,protected and protected internal	Has power to adjust visibility for a specific feature
Hybrid vs Pure Hybrid: designed mainly for O-O programming	Hybrid	Hybrid	Hybrid	Pure
Polymorphism (Dynamic vs Static)	Dynamic by default-specify which classes and methods need dynamic binding	Static by default-all classes use dynamic binding	Static by default-all classes use dynamic binding	Dynamic by default-specify which classes and methods need dynamic binding
Inheritance	Single class, multiple interfaces	Multiple	Single class, multiple interfaces	Multiple
Abstraction	Uses a special keyword 'super()'	Uses scope resolution operator to provide ability for invoking methods in a super class	Uses keyword 'new' before an overridden method	Uses a 'Precursor' call