

Method overloading vs method overriding

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10:09 AM

	Compile time poly or static binding or early binding	Run time poly or dynamic binding or late binding
	call to method is decided at compile time	call to method is decided at run time
	by using method overloading we achieve the CTP	by using method overriding we achieve the RTP
	method overloading happens in the same class	method overriding happens in the child class
What it is ?	defining the method with same name but differing in the method signature[no. of param or type of param]in the same class	defining the method in the child class with the same name, same parameters, same return type or less return type as the super class method
return type considered	No	Yes
static methods	we can overload	we cant override
private methods	we can overload	we cant override
final methods	we can overload	we cant override
constructor	we can overload	we cant override

dynamic binding
at run time
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s in the parent
e subclass with parameters and restrictive as of