

Understanding 'Super'

- It is a keyword which is predefined and non-static variable.
- It is used to access the complete functionality of the parent class.
- It must be used in non-static context.

this vs super

this	super
It is Keyword	It is a Keyword
Non-static variable	Non-static variable
Used to access current class object functionality	Used to access the parent object functionality from child class
Must be used in non-static context.	Must be used in non-static context.
It holds object address	It doesn't hold any object address

super() vs this()

super()	this()
Used to invoke parent class constructor	Used to invoke current class constructor
Must be used only inside the child class constructor.	Must be used inside another constructor of same class.
It must be first statement	It must be first statement

super() , this() Vs super, this

super(),this()	super, this
These are constructors calls.	These are keywords
We can use these to invoke super class & current constructors directly	We can use these to refers parent class and current class instance members.
We should use only inside constructors as first line, if we are using outside of constructor we will get compile time error	We can use anywhere (i.e., instance area) except static area , other wise we will get compile time error .