

Variable Types

Variable Type	How it is defined	Scope (how long it lasts)	Uses
Local Variable	<type> Name = value; In function or method code block.	Until the closing bracket for the code block it is in.	Temporary use in a method, or loop.
Parameters	<type> Name in method declaration. Value is passed when method is called	For the duration of the Method. Copies value inside of variable.	Passing information to a Method.
Instance Variables (Non-static Fields)	<type> Name during class definition	For the lifetime of an object (an instance of the class)	Values that help define an instance of the class and persist through multiple service calls
Class Variables (Static Fields)	Static <type> Name during class definition	For the life time of the class (can be accessed through class definition)	Values that are the same for EVERY instance of the class