

High
Address



OS Kernel Space

User code can not read or write in this section



Stack

Automatic variables in local scopes



Heap

Dynamically allocated variables

BSS

Uninitialized static variables

Data

Explicitly initialized static variables

Text

Program code

Low
Address



When the component is declared as:	When the class is inherited as:	The resulting access inside the subclass is:
public	public	Public
protected		protected
private		none
public	protected	protected
protected		protected
private		none
public	private	private
protected		private
private		none