Gnomes

(1)	Write a method in class Gnome that sets the buddy of a gnome to the specified
	<pre>gnome. public void setBuddy(Gnome g)</pre>
(2)	How does a gnome g look after the following
	Gnome g;
(3)	How does a group of look often the following
	How does a gnome g look after the following Gnome g;
	g = new Gnome();
(4)	What does it mean for the instance variables of a class to be
(*)	(a) private csci210: Data Structures Fall 2008
	CSC1210. Data Structures Fail 2006

	(b) public
(5)	When designing a class, are there any guidelines on what is public and what is private?
(6)	Write a piece of code that tests class Gnome: for e.g. you can create 3 gnomes called Grumpy, Goofy and Dummy; make Goofy the buddy of Grumpy, Dummy of Goofly, and Grumpy of Dummy.
(7)	Write a method that prints the buddy of the buddy of a gnome.
(8)	How would you modify the class in order to keep track of how many gnomes have been created?
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2 · Java Basics