Sign	ature	CSE 70	Name
		Quiz 3	
cs70	f	Fall 2009	Student ID
This quiz is to be taken by yourself with closed books, closed notes, no electronic devices.			
1) General OO Principles			
what varies.			
Favo	vor over		
Progr	rogram to, not		
Strive for coupled designs between objects that interact.			
2) Design Patterns			
pattern defines a family of algorithms, encapsulates each one, and makes them interchangeable. This pattern lets the algorithm vary independently from clients that use it.			
pattern defines a one-to-many dependency between objects so that when one object changes state, all its dependents are notified and updated automatically.			
3) In the MVC architecture, which part(s) plays the Observable?			
In the MVC architecture, which part(s) plays the Observer?			
 4) Which is usually considered the better design in the Observer Pattern? A) Push data to the Observer B) Push data to the Observable C) Pull data from the Observer D) Pull data from the Observable 			
5) In the following Java GUI/Event Handling code fragment:			
/* So	/* Some GUI control object that lays out GUI components */		
	JButton button1 = new JButton("Stop");	
	button1.addActionListener(new Resizab	oleBall(/* args */));
public	public class ResizableBall implements ActionListener		
l	/* Lots of other stuff associated with	a a ResizableBall */	
	<pre>public void actionPerformed(ActionEve {</pre>	ent evt)	
}	/* Do something with evt */ }		
Which object is the Observable?			
Which object is the Observer?			