Your Name: Lucas Vieira Silva

**1. Take a minute to search the Internet for an explanation of "polymorphism". You might especially consider sources such as StackOverflow and Wikipedia. After reading through some of these, in your own words, describe polymorphism AND why it's useful.**

It is usually used with objects that can behave in different ways. For example, a class called animal can be followed by other classes with specific animal names, so the same animal can take many forms.

**2. What is the benefit of making an empty abstract method in a base class?**

It is a class that only idealizes a type, defines only a draft. It serves for the polymorphism and inheritance of attributes and methods, which are very powerful resources.

**3. What is the most interesting thing you learned as a part of your work for this class this week?**

On the importance of polymorphism when faced with an object that has different shapes.

**4. Describe one specific way that you helped someone else this week or reached out for help.**

I am always in touch with Paul and my classmates.

**5. Are there any topics from this week that you still feel uneasy about, or would like to learn more about?**

Nothing for now.

**6. How much time did you spend this week on each of the following:**

Reading - 2

Checkpoint A - 2

Checkpoint B - 2

Team Activity - 1

Data Structures Homework - 2

Prove Assignment - 5

If you have other questions or comments for the instructor, please post them to Slack, either in the general channel if others can benefit, or as a direct message if the matter is more personal.