Your Name: Lucas Vieira Silva

**1. In your own words, please describe object-oriented programming and explain why it is useful.**

Object-oriented programming works using classes, it is the one who gives life to the object, since it is where functionalities are created through methods, saying if the object will walk to rotate, and its specificities through the attributes, its color, its name. The class is not the object, it is used to build it.

**2. Of all the different data structures we discussed, which one do you think is the "coolest" and why?**

I confess that I did not identify much with data structures, but I was very interested in dynamic arrays, since it is used in all languages ​​that I have studied so far.

**3. What is the most interesting thing you learned this semester?**

That the python language is heavily used for graphs and data, especially in the area of ​​data science.

**4. If this course included three more weeks, what additional topic(s) would you like to learn about?**

More projects based on real life.

**5. What was the biggest misconception you had about this material prior to this semester?**

I thought it would be easier and that it would just be part of theory, without projects.

**6. Do you have any final questions/comments for your instructor?**

No.