

#### Problem 4:

1. The interface name could be “Renderer” because it seems that these objects need to have the ability to draw/render an object to display, in other words all these objects have a draw() function.
2. The interface name could “Iterable” because each object seems to have the ability to return a length value which is common among range(), list[], tuple(), str, and a few other variable types, while there could be a costume object, it must be capable of being iterable for the len() function to work.
3. The interface name could be “Recursable” because the objects seem to have the ability to have a length and to store objects of the same type/interface. The object needs to be able to store objects of its own type, return them all or the next in line.