Name: Composite

Problem:
In some situations an object may represent a group of objects and another may represent an individual item. However, we want to treat the individual object and the group (composition) object the same.

The Composite pattern can be used when we want to interact with objects and group of objects with the same interface.

A group can contain an individual item or other groups.

The group and the individual share a common interface.

Solution:
Create a class that is a composite of its parent.

Consequences:
Allows us to implement code with a consistent interface. I can collaborate with an individual object and a composition of objects the same way.