

CSC40232: SOFTWARE ENGINEERING

Professor: Jane Cleland-Huang

Lecture 4: Getting Started with Java FX Wednesday, January 30th and February 1st sarec.nd.edu/courses/SE2017

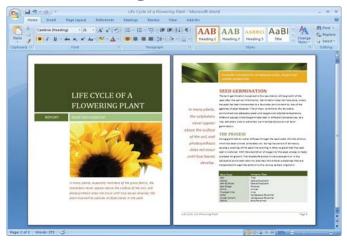


What are we covering today?



- 1. A new design pattern (Composite)
- 2. Mouse Event handler

Lots of things are Hierarchical



How could you manage the hierarchy in a document so that you could perform functions (such as resize) groups of objects together?

Whole-Part Relationships

Problem:

How can we treat a group or composition structure of objects the same way (polymorphically) as a non-composite (atomic) object?

Solution:

Define classes for composite and atomic objects so that they implement the same interface.

