EECS2030 Advanced Object-Oriented Programming (Fall 2021)

Q&A - Lecture 4

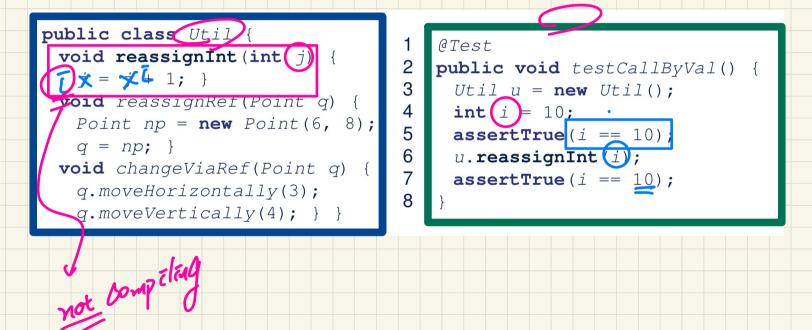
Wednesday, October 27

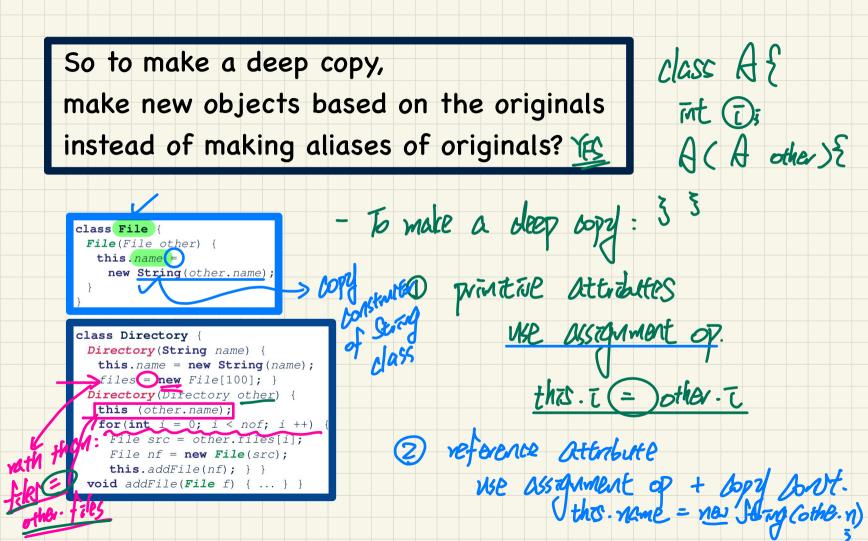
Announcement

- 7 Theritconce. - Lecture W7 (released: Oct. 25)
- Lab3 (released: Oct. 20; due: Nov 1)
- Written Test 2 (due: Oct. 28/29)



If the variable used in the reassignInt method was i instead of j then would i have changed to be 11? (Part B1; Timestamp 7:30)





Is there any specific lines that differ from aggregation to composition, is it creating a new object for each index of an array (new File) instead of saying new Directory?

> 1. return a new array 1. return a file [] the should: 2. Each element array D point to a define yetchm array D point of the 1

> > file db.

so that it **preserves composition**, i.e., does not allow references of files to be shared.

Exercise: Implement the accessor in class Directory

class Directory {
File[] files;

File[] getFiles()

/* Your Task */

int nof.

In professional practice, what's more typical for getter functions returning ref.-type objects or arrays of ref.-type objects: returning shallow copies or returning deep copies?

