

ASSIGNMENT 2

FROM LAB 8:

- PYGAME. DRAW. RECT
 - A LIST OF THINGS TO DRAW
 - GENERATE-TREEMAP MUST RETURN A LIST
-

ABSTRACTTREE:

- A LIST OF SUBTREES MUST BE PASSED
- AT THE TIME OF CREATION, SUBTREES WERE NOT CHILDREN OF ANY OTHER TREE
- WHEN THE LIST IS PASSED, THEIR PARENT ATTRIBUTE MUST BE SET ACCORDINGLY

FILESYSTEMTREE:

- BASE CASE: A REGULAR FILE

IF THIS PATH IS POINTING TO A FILE:

ELSE:

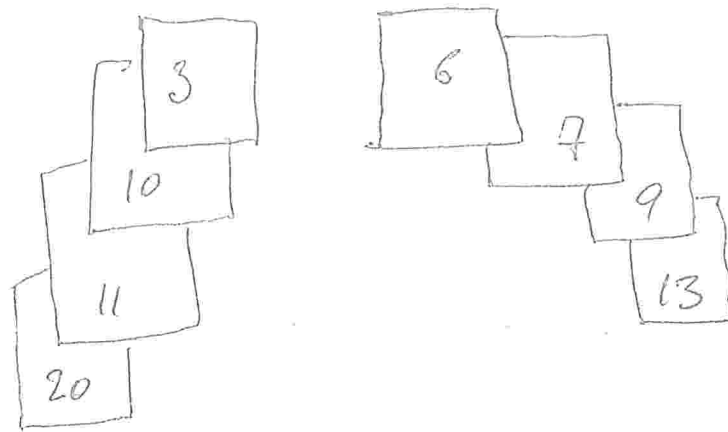
... LISTDIR ...

- CALL THE SUPERLONSTRENGTH

ABSTRACTTREE. -- init -- (self, ..., ...)

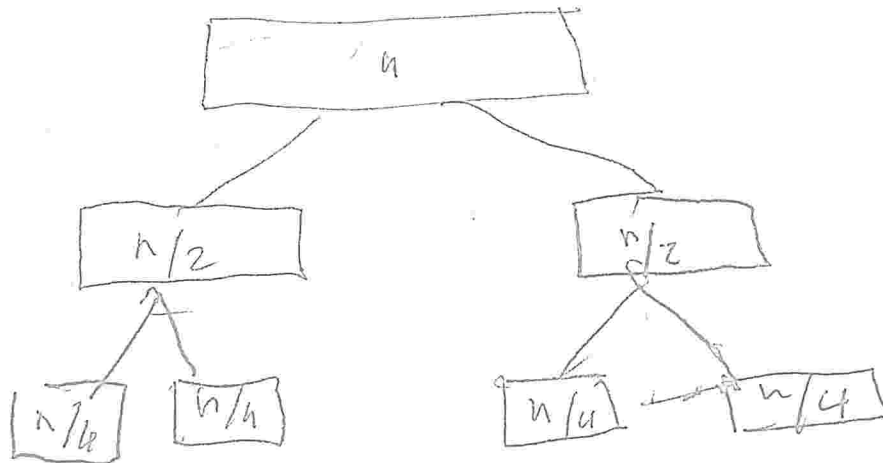
USE THE ABSTRACT CLASS WHATEVER

MERGE SORT



3 | 6 | 7 | 9 | 10 | 11 | 13 | 20

THE COST OF THE MERGE



$O(\log n)$!