Assignment #5 by Luke O'Brien
Tuesday, February 25, 2020 3:35 PM CS 1450:002

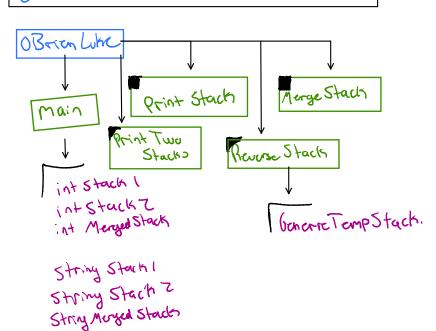
Problem.

we are given two sets of two Stacks. Each Set needs to murge the two Stacks into one Final merged Stack but this stack has to be From Smallest to largest.

What I Don't know.

-Don't remember from top of Head how to use Itherater becase Im protty sure its an Interface - Pre Sorting Stacks While morging them.

Class method Interface Abstract General



## Main

Public static void main(String[] args) throws IOException

Scanner intFileOne ("numbers1.txt"); Scanner intFIleTwo ("numbers2.txt"); Scanner strFileOne ("mountians1.txt"); Scanner strFileTwo ("mountains2.txt");

Stack<Integer> intStackOne = all number from intFileOne; Stack<Integer> intStackTwo = all numbers from intFileTwo; Stack<String> strStackOne = all Strings from strFileOne; Stack<String> strStackTwo = all Strings from strFileTwo;

Stack<Integer> intStackFin: Stack<integer> strStackFin;

printStack(intStackOne);

mergeStack(intStackOne, intStackTwo, intStackFin); reverseStack(intStackFin); printStack(intStackFin);

printStack(intStackTwo);

mergeStack(strStackOne, strStackTwo, strStackFin); reverseStack(strStackFin); printStack(strStackFin);

printTwoStacks(intStackFin, strStackFin);

What I have Izamed.

grew very familiar with use of generics in method > & even ( lasses.

- got Classer to Figuring out how to sort objects by valu without Predictermind Sort Function.

- Better Understand How the Sava Data Structures are built. (given we Kinda made our own)