

Design Note Book

Assignment 1

1) Problem: Review for making arrays then using loops to both sort them and write to a file then read that file.

2) Know Don't
arrays writing files
looping through arrays maybe reading files

3) Picture: $\text{Array 1} \Rightarrow \text{record} \Rightarrow \text{Array 1.2} \Rightarrow \text{write} \Rightarrow \boxed{} \Rightarrow \text{read} \Rightarrow \text{Final Array}$
 $\text{Array 2} \Rightarrow \text{Array 2.2}$

4) Pseudo code

Class

Main

~~int[] Array1 ...~~

~~int[] Array2 ...~~

~~print Array1~~

~~For print Array1[i]~~

~~print Array2~~

~~For print Array2[i]~~

~~File = new File~~

~~Array.sort(Array1);~~

~~Array.sort(Array2);~~

~~int even~~

~~int odd~~

~~For~~

~~Array1 + 3m~~

~~Array2 + odd~~

For (array1)

if odd

search array2 for even

create index

create table

while (array2 odd found = F

if array2 even

found = T

else increment

if found T

swap Array1 = Array2

Array1.sort()

Array2.sort()

(1 sort 2

create file

open file

write file

close file

Pseudo code

"Part 3

Open File
create Final Array
For (File)
place value in array
Display Final Array

Learnt)

Reminded myself not to over complicate things

Learnt to write Cites

Reminded how to use For/while loops to manipulate arrays.