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# COURSE: CSC 235

# MATRIC NUMBER :222507

# Github Repository link : https://github.com/Enochthedev/csc-235/tree/main/Assignment-3

1. Duplicate files

Pseudocode:

#start

    #read the input file

    #read the number of test cases

#for (count<number\_of\_test\_cases,increament)

#for each test case read the file

#get the number of files present  
 # read the file and the id number

#if the file names are the same   
 #check for the Smallest ID and print the file ID out as the original file

#else if file names are not the same

#print both file ID

#end

1. Self describing number

#start

    #read the input file

    #read the number of test cases

#for (count<number\_of\_test\_cases,increament)

#turn the number to string

#get the length of the string

#for (count<length)

# test for self descriptive by counting the number of times a number appears within the position in the   
 #if the count isn’t the same number with the digit

#print not self descriptive

#else

#print self descriptive

#end