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DSA120 ASSIGNMENT UML

DSALinkedList<Integer>

DSAStack<Integer>

DSALinkedList<TextFile>

DSAStack<TextFile>

Main

- textfileStack: DSAStack<TextFile>
- choiceStack: DSAStack<Integer>
- directory : string
- TextFile: currentTextFile

+ Main()
+ runProgram()
- loop()
- writeLog()

TextFile

- fileContents : String
- numEntries : int
- choices: Choice array
- filename: String

+ TextFile (filename, directory)
+ removeChoice(n)
+ toString()
+ getChoice(n)
+ getNumEntries()
+ getContents()
+ getFilename()
+ equals(inFile)
- readTXT(filename, directory)
- readCSV(filename, directory)

Choice

- desc : String
- filename : String

+ Choice (inFilename, inDirectory)
+ Choice (inChoice)
+ getFilename()
+ getDesc()