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3/8/2020

Computer Science 2

Module 4 Assignment 2

For this assignment I used the online resource listed below and typed it all out by hand, it really helped me understand more about the if statements that were used. I know that I am behind in my knowledge of programming, for now I am using these online resources to help me learn a little, but I am also doing a course on the swosu provided LinkedIn Learning. I am trying hard to learn everything properly.

<http://soultionmanual.blogspot.com/2016/11/chapter-12-exercise-13-introduction-to.html>

My Code:

**import** java.io.File;

**import** java.io.FileNotFoundException;

**import** java.util.Scanner;

**public** **class** Main {

**public** **static** **void** main(String[] args) {

**if** (args.length != 1) {

System.***out***.println("Invalid arguments.");

System.***out***.println("Usage: java Chapter\_12.Exercise\_13 filename");

System.*exit*(1);

}

File filename = **new** File(args[0]);

**if** (!filename.exists()) {

System.***out***.println(filename + " does not exist.");

System.*exit*(2);

}

**int** characters = 0;

**int** words = 0;

**int** lines = 0;

**try** {

Scanner input = **new** Scanner(filename);

**while** (input.hasNext()) {

String s = input.nextLine();

lines++;

characters += s.length();

String[] split = s.split(" ");

**for** (String word : split) {

words++;

}

}

} **catch** (FileNotFoundException ex) {

ex.printStackTrace();

}

System.***out***.println("Characters: " + characters);

System.***out***.println("Words: " + words);

System.***out***.println("Lines: " + lines);

}

}

My Code Output:

Invalid arguments.

Usage: java Chapter\_12.Exercise\_13 filename