

COP3337
Assignment 6

It is common for people to name directories as dir1, dir2, and so on. When there are ten or more directories, the operating system displays them in dictionary order, as dir1, dir10, dir11, dir12, dir2, dir3, and so on. That is irritating, and it is easy to fix. Provide a comparator that compares strings that end in digit sequences in a way that makes sense to a human. First compare the part before the digit as strings, and then compare the numeric values of the digits.

Your program should work with the provided test program

Call the class you write DirectoryComparator.java.

Submit the provided test class and your comparator in your submission.

Follow all directions in the COP3337 Class Rules for Submitting Programs.

Please use the file > export > to zip option in NetBeans. The zip file should be named FirstNameLastNameA6.zip.