Script, that

1. Goes through a folder, goes to a spectra folder, takes information from normal\_log, goes through MS1, MS2, MS3 🡪 until a stop, and puts that information to to an excel. If there is “no target ions found, or “executive target ions”, than write in the the next column that comment
2. Transferring good raw files to Production and poor raw files to Quarantine

Drawback: MS2 to data is topical

We need a script that:

So as the title mentions, it's my first time doing something what I consider serious programming and I want to 1) extract some reoccurring text from multiple TXT files located separately in their folders 2) copy that text to an excel sheet 3) copy the whole folders to either "good data", "recheck data" or "bad data" depending on the text in the TXT file. So it needs to a) navigate the TXT file in each folder one by one b) do a search and when it hits copy that information to a specific cell in the excel sheet and c) cy whole folder to a specific folder ("good data", "recheck data" or "bad data").

Is there any thoughts on how to do this and how to approach this problem? Any additional information needed? I'm kind of a rookie on R programming so don't know a lot of terms, but I'll try to answer them as best i can. Any help to start would be much appreciated. Thanks.

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Look up my post “First time writing a script for automation”. There will be information on how to do all of the follow up steps from above^^^: best answer:  
“If you've worked with R before and know the basics, you should be able to Google most of this and come back to ask for specific questions. But if you don't know how to write any R at all, well, you're gonna have a bad time.

One way to read in text is with this: <https://cran.r-project.org/web/packages/readtext/vignettes/readtext_vignette.html>

Here is some information on copying files between folder locations. <https://www.r-bloggers.com/2014/11/copying-files-with-r/>

There are base R ways of finding strings grep(), as well as packages such as {stringer} (cheat sheet available here: <https://stringr.tidyverse.org/>)

Once you create your corpus of extracted text (either in a list or a dataframe), you could use write.csv() to write to a file location. One example: <https://datatofish.com/export-dataframe-to-csv-in-r/>“