Jonathan Grabowski – Bioinformatics Lab 4 User Input Reflection

We tried to make our code that removes junk papers from a dataset user-friendly so that other users could import their dataset and remove the junk papers from their dataset. We did not know how to do this, so we used Google to try to find answers. We found an article called “ Taking Input from User in R Programming” on the website GeeksforGeeks.org that helped us start making our code user friendly. We used the readline() function with the prompt “Enter file path” that was assigned to filename. This is how another user could upload their data. After that, we used the read.csv() function with “filename” and “header=TRUE” as arguments which was all assigned to file. Next, we would have to change our original code to fit with another user’s dataset. We had to change parts of the original code where we had “Lab4Data$Paper.ID” to “file$Paper.ID” because our user-friendly code forces users to name their dataset “file”. All other parts of the code stayed the same. Then, we tested our user input code with the same dataset, and we got 83 as an output.

Source:

Mondal, Soumik. “Taking Input from User in R Programming”. *GeeksforGeeks*, https://www.geeksforgeeks.org/taking-input-from-user-in-r-programming/. Accessed 25 September 2022.