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CSCE 240

26 March 2023

Project 4 Report

For the fourth part of the project, I had to make it so user queries would be answered by the AI. To do this, I had to just expand upon what I did last time. I had a system in place where it would detect how similar a query is to various possible answers and, if there is a close enough match, return one of those answers. The main issue I had was trying to allow the program to answer more questions than it could before. I found out that my program was not properly copying all of the possible subdirectories from the website, which led to only a small selection of answers that were possible. To fix this, I had to figure out how to break up a line into multiple smaller lines. This was because there was one line which had multiple different links that weren’t being saved due to how my program processes them. After making a new helper method called lineBreaker, I got a bunch of new links that have even more information. I also added some modifications to other methods to make the output somewhat nicer to read.

As of now, I’ll have to figure out how to make my program more presentable. The program outputs when it is asked to do so, but the text is still somewhat mangled. I’m not exactly sure how to do this since the base HTML file is mangled itself, but I’ll get it neat soon. As for the responses, there were a few issues that I came across. I’m not exactly sure how to fix those, but I’ll do some studying to figure out a neater way to do what I’ve already coded. Hopefully that ends up fixing the issue I’m having.