Fr2md   Farid Rajabi Nia   lab Session 11:00 am

Did your implementation produce the correct results? Did you have to reformat your output?

No, it did not, I had to reformat the output since it does only work with integers. Also, there were slight differences in my print function vs the provided output file which resulted in some differences although I got almost the same results.

How much faster was your program with the -O2 flag?

It was supposed to be faster but in my implementation, it was not that fast. My implementation of program is a little bit crippled so I guess that could have been why.

What was the speed of your implementation? How fast did it run on the 250x250 grid using words.txt as the dictionary file? What about words2.txt and the 300x300 grid? -- If you ran it on a different machine other than the ones in Olsson 001, specify so.

In my program, which only ran on my computer. For 250x250 and words I got 489 seconds and for 250x250 and words2, I got 42 seconds. For 300x300 and words2 I got 63 seconds. It seems that I have the slowest runtime for my program in the class since everyone else has lower time comparing to mine.

What is the big-Theta running speed of your program? We are really only interested in the word search part, not the part where you populate the hash table. Please do this in terms of r (rows), c (columns), and w (words). You can assume that the maximum word size is some small constant. Only consider the word-search component of the program, and not the file reading or hash table creation time.

It is #_of_row*#_of_col*#_of_words   three major loops= 3n

What problems did you encounter when implementing this lab?

This lab was really hard, I spent my entire spring break on it and it does not work quite good, so I was kind of disappointed. I did the program and in lab I found out that my implementation of word-puzzle is wrong.:(Implementing the hash function was time consuming and challenging for. With the bash commands and .sh fills, I am still struggling a lot. So the whole lab is really challenging for me, bit by bit. I

How did your shell scripting writing go? What do you think of shell scripts so far?

As I mentioned above, I think I don't like bashing at all. I used to work with dos commands and I really liked it back in 1990s and early 2000s but I don't know why I can't relate to bash although they are supposed to be the same thing. I guess I am more use to the user interface now.