

CSCE 625 Programming Project #1: Writeup and Video

Due time: Tuesday 2/20

You will turn in your YouTube link.

The written writeup will be a 4 slide powerpoint slide presentation and the video of you presenting will be no shorter than 90 seconds and no longer than 3 minutes. It will be posted on YouTube. You can use screencapture/video production software like Camtasia. It does not have to be fancy, just your voice and your slides. Several of your peers will review your video so think of it as communicating your results so that they can determine if they are consistent with theirs and if not, why. There is no hardcopy or traditionally written report.

Slide 1 Your Name and which Algorithm you implemented. You do not have to say anything beyond that.

Slide 2 Title of Slide: Graph of CDL vs. Time Performance

Content: must have **legible graph with readable font**. Must interpret graph- is this good performance, bad performance, is there a noticeable difference between your 2 test files- if so, any thoughts on why?

Slide 3 Title of Slide: Table of Efficiency vs. Time Performance

Content: must have **legible table with readable font**. Must interpret graph- is this good performance, bad performance, is there a noticeable difference between your 2 test files- if so, any thoughts on why?

Slide 4 Title of Slide: Discussion of the Algorithm

Content should focus on answering: Is this really an AI search algorithm? What category? Did the algorithm work the way it was described in the paper? Were there any surprises? Discuss ways that the algorithm could be improved. Is there a way to minimize the turns in the path- such as applying a “second pass” to use a string tightening style of algorithm?

Notice that the writeup is minimal, that it really just captures what you were probably thinking about as you experimented with your system. The use of a video allows you to get practice making presentations but without the fear of speaking in front of people.

The writeup is worth 20% to encourage you to think about performance and evaluation, not just implementation, not to say that it will take nearly as much time as the implementation.