Steve Lastihenos

CS 311

Professor Foreman

Project 2 Write-up

For part two of this project we are to compare the run times of project one (function two which read line-by-line) with the run times of project two. Although both projects are reading in from a file line-by-line, their methods of functionality differ greatly. For project two we used multithreading, with the help of semaphores, in order to use two CPU’s on our systems at once. This allows us to perform tasks quicker by accessing more than one processor at once. As a result, and as expected, we notice that our runtimes differ in that project two completes the reading and writing of a file line-by-line quicker than that of project one.