**CSC-3044 Operating Systems & System Programming**

**Laboratory 3 Report**

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1. **In your lab report, determine and clearly document the impact creating one, two, four, and eight threads have on the overall performance given a virtual machine using one, two, or four (or four+) cores as your host system capabilities permit. You may want to reboot your system in between each run to remove/limit the impact of caching.**
2. **If using an increasing number of threads takes less time, why is that?**
3. **If using an increasing number of threads takes more time, why is that as well?**
4. **In your lab report, determine and clearly document the impact of using various values of N as you attempt to find perfect numbers 28, 486, 8128, and beyond. Once again, you should try varying the number of virtual processors and rebooting between attempts.**