Lab 1. Process Monitor

Objectives: Get familiar with a process monitoring tool.

For this lab you will use your own computer and, if possible, log into your system with Administrator privileges.

Procedure:

1. Open your favorite text editor program and start a document to report your information. Put down your name and "COMP 173 [current semester]" on one line. Open a terminal or DOS command prompt window. Enter the following commands:
       date (press enter again)
       time (press enter again)

    Copy & paste all the text from the terminal/command window into your document. Or you could take a screenshot and put it in your document (*same for all other steps*). As you record each step, put the number of the step with the information. If you observe nothing, just write down "N/A".

2. Start the process monitoring tool installed on your computer (e.g. Task Manager on Windows, Activity Monitor on Mac, etc.).

3. List the names of columns that show the system performance. Put a screenshot of the process monitoring window in your document.

4. Start a web browser such as Microsoft Edge or Firefox.

5. There should be a new row in the monitor display for the web browser process. Write down the numbers in the columns for the web browser in the report file and save the report to disk.

6. Browse to http://www.pacific.edu. Look at the numbers in the row of the web browser process. Record the numbers and your observations (briefly) and save the file.

7. Note the CPU column. Record which process is getting the most CPU time and save the file.

8. Are you able to change the priority of a process? If yes, please change it to different levels and see if it changes the performance of the process. Record your observations (briefly) and save the file.

9. List all other operations you could conduct on a process through the monitoring tool. Try one of them and record your observation.

10. End the web browser process. Record your observations (briefly) and save the file.

11. Close your editor program. Close the process monitoring window.

Submission: the .txt/.doc/.pdf document you use to document your observations.