CSci 364, Spring 2023

Lab 1

Due: See Blackboard

Points: See Blackboard

Your Name: Mason Motschke

Instructions: Give the best answer for each of the following questions.

1. For grading purposes, what is the late policy for lab assignments?

Late Lab Assignments will not be accepted.

1. Using the attached files, give the relative path of the file generated by the ant script.

Build\edu\und\cs364\quiz1

1. Give the fully qualified name of the Runtime class.

Public class Runtime

1. True or False. The availableProcessors() method is static.

False

1. Give a reason why the value returned by availableProcessors() might change during a particular invocation of the JVM.

It only shows what cores are available to the JVM. It doesn’t show the amount of total cores on a machine, just which ones aren’t already being used by a particular process

1. Explain why the program calls getRuntime() before calling availableProcessors().

That way it can see how many processors that the particular java application has access to during its run operation. Essentially getruntime() returns the runtime object for the java application; then available processors scans that run time object and returns how many processors could act on that application.