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CS 420 Operating Systems

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Questions

1. All the threads vary by less than 10 milliseconds from the time stated in the sleep statement. This is probably the time it takes to start up the thread, and print the time, the majority of the time the elapsed time will very closely match the sleep time as this purposefully delays the running of the thread
2. The instructions were unclear to me as to how to design this class. I was unsure whether to include the sleep instruction in here or not. With the sleep instruction, the priorities do not work as expected however when the print command is in a synchronized block of code, and not told to sleep the priorities work as expected, with the highest priority command running first, and the lowest last.
3. The join() command tells the main method not to run the print statement until the newly started threads are finished. Then it prints it out.