23I-2025
23L-0502
23L-0513
23L-0535
23L-0543
23L-0560
23L-0590
23L-0630
23L-0697
23L-0780
23L-0795
23L-0806
23L-0859
23L-0987
23L-2586
23L-3075
24L-0672

Write a program that creates two synchronous threads and pass the file names f1.txt and f2.txt as a parameter to each thread function and it will memory map the file and will remove all the duplicate and negative values from the file and then return the unique and non-negative values it to the main thread and will not display it. The main thread will then compute the average of the unique integers and will display it on the screen.

23L-0501
23L-0507
23L-0524
23L-0540
23L-0548
23L-0585
23L-0594
23L-0679
23L-0749
23L-0788
23L-0801
23L-0835
23L-0978
23L-1019
23L-3034
23L-3091

Write a program that creates three threads to process a large text file. Each thread memory maps a 1/3rd of the file and counts the frequency of words starting with a vowel. Use semaphores to ensure that all threads synchronize before sending their individual results to the main thread, which then combines and displays the top 10 most frequent vowel-starting words.
