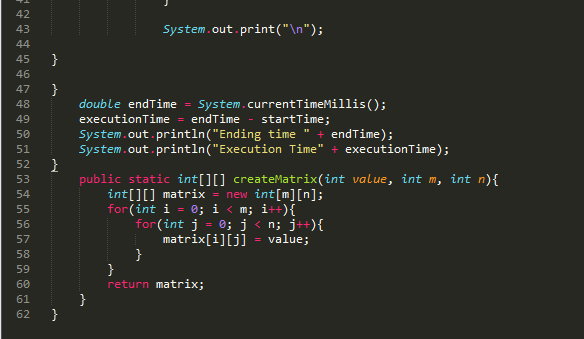
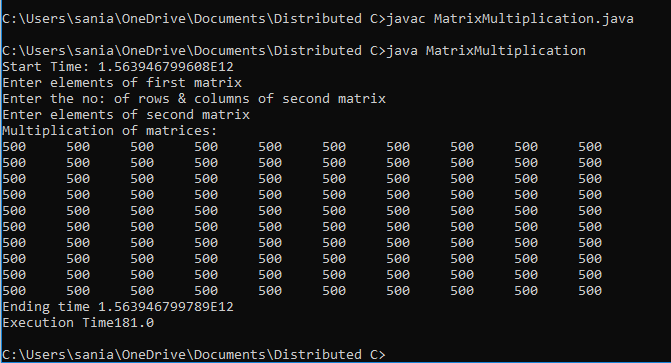
Lab#7

Task 1: Write the same code for matrix multiplication and divide the code into ten threads. Also note the timestamp at the start and end of the program. Give your conclusion.

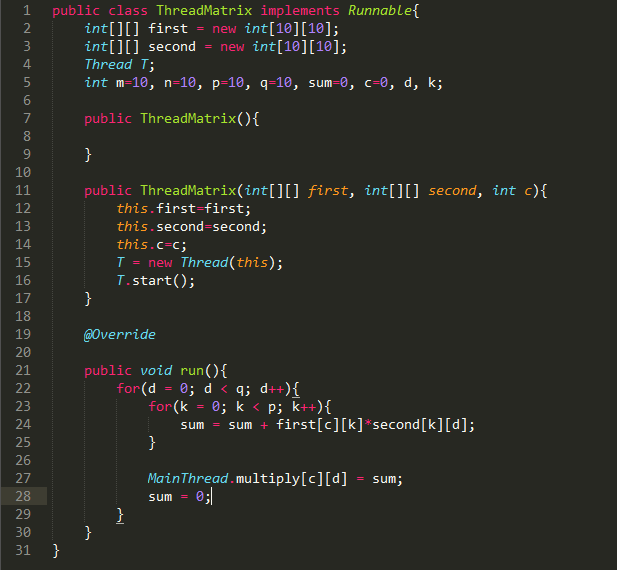
**Simple Matrix Multiplication with main thread:**



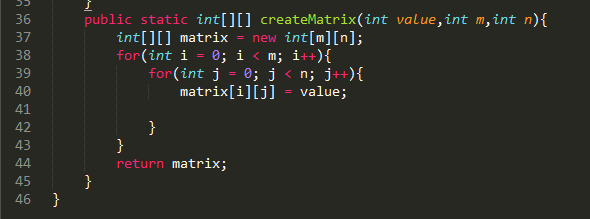


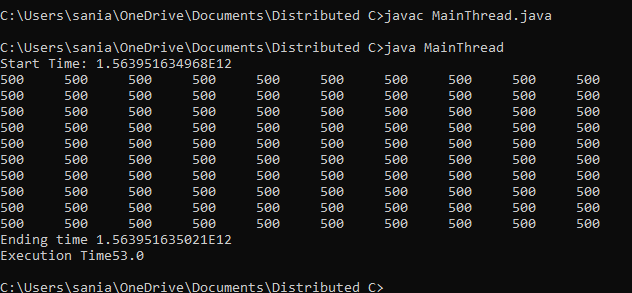


**Matrix Multiplication with multiple thread:**







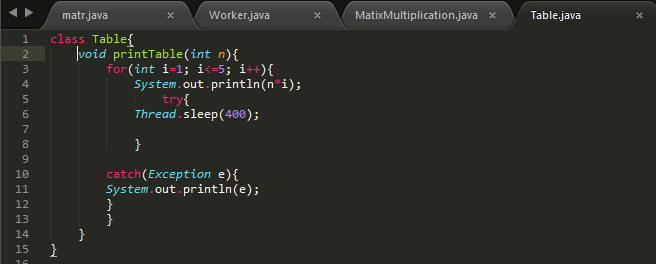


Results Conclusion: We have look at that besides threads it requires   
execution time 181 milliseconds and with threads it requires execution time 53 milliseconds.

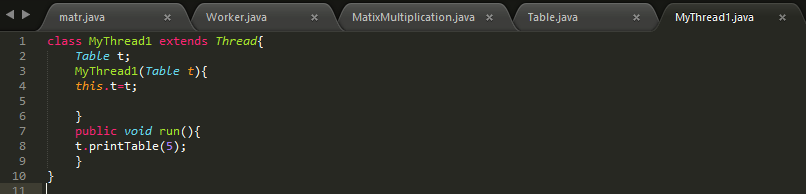
**Synchronization task:**

With Out Synchronization

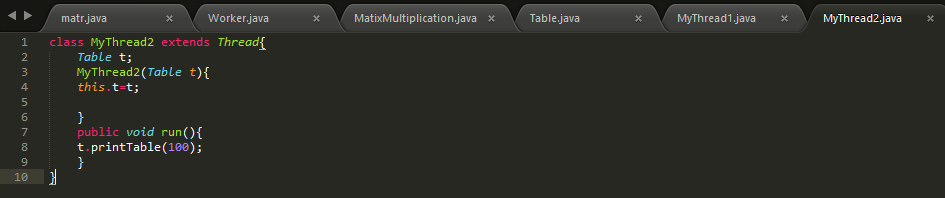
Table.java



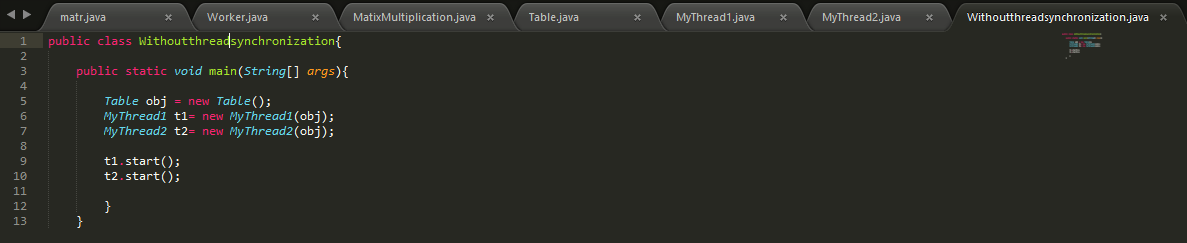
MyThread1.java

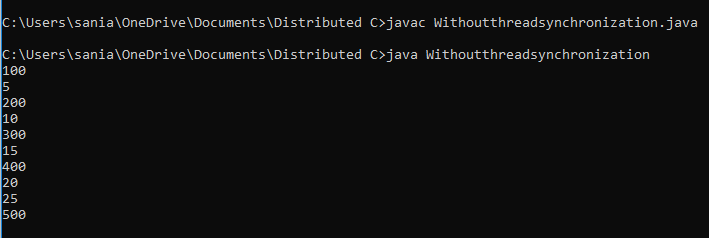


MyThread2.java



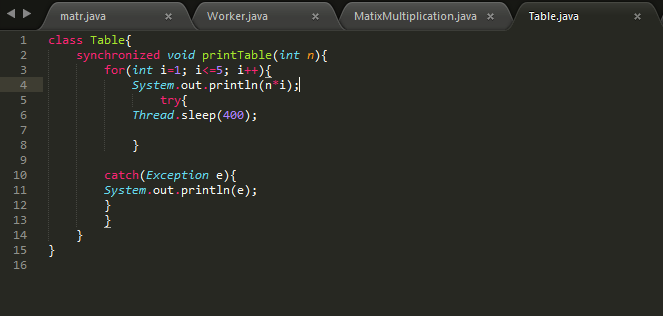
Withoutthreadsynchronization.java



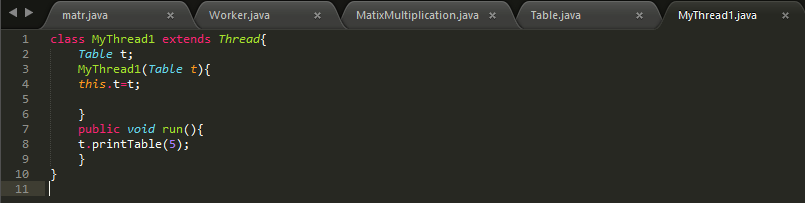


With Synchronization

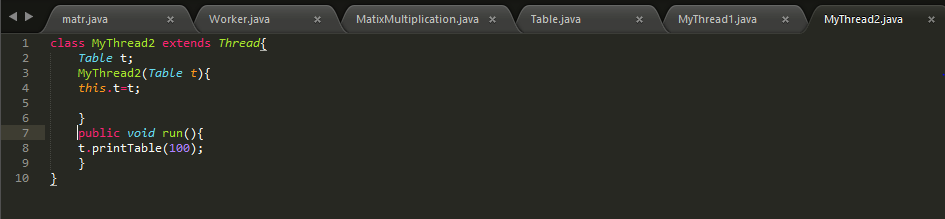
Table.java



MyThread1.java



MyThread2.java



With

