**LAB # 7**

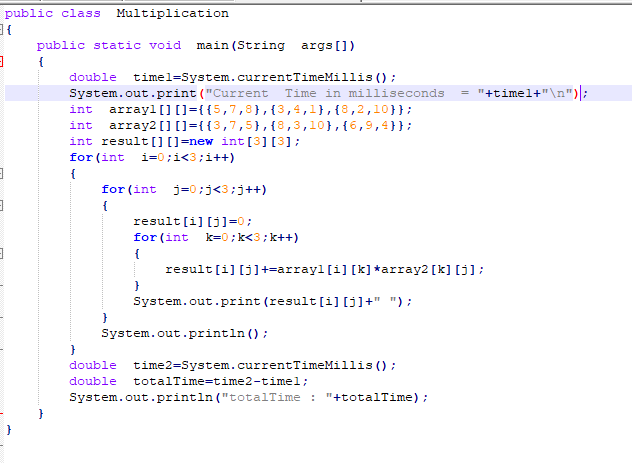
**OBJECT : TO UNDERSTAND MULTITHREADING.**

**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.**

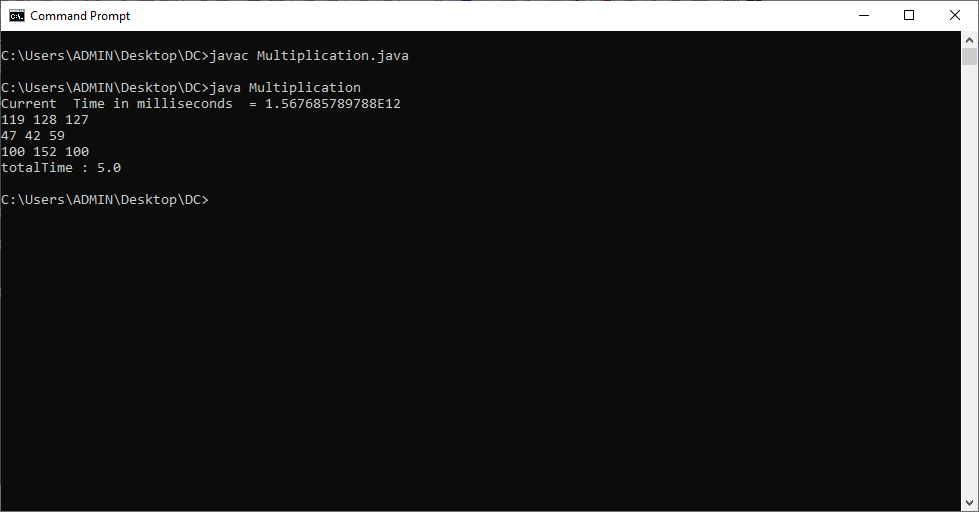
**Matrix Multiplication using Traditional Method:**

**Program :**

**Multiplication.java**



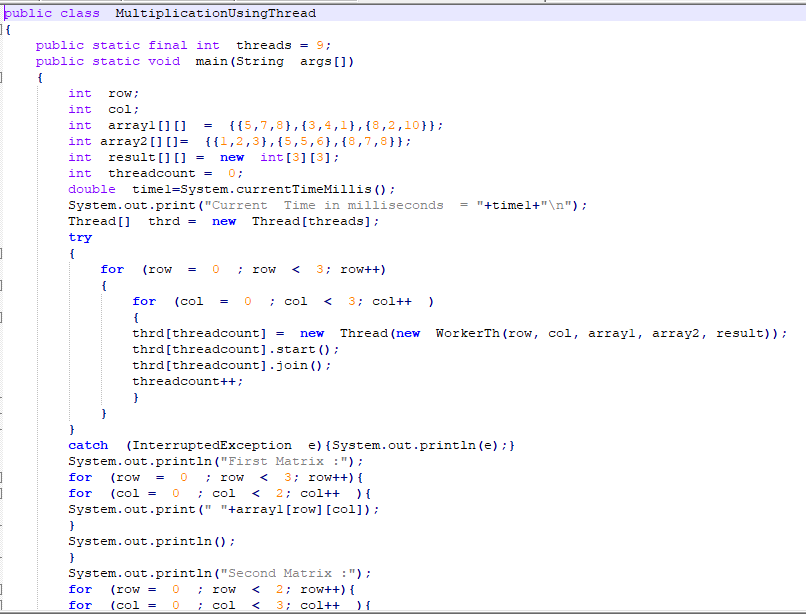
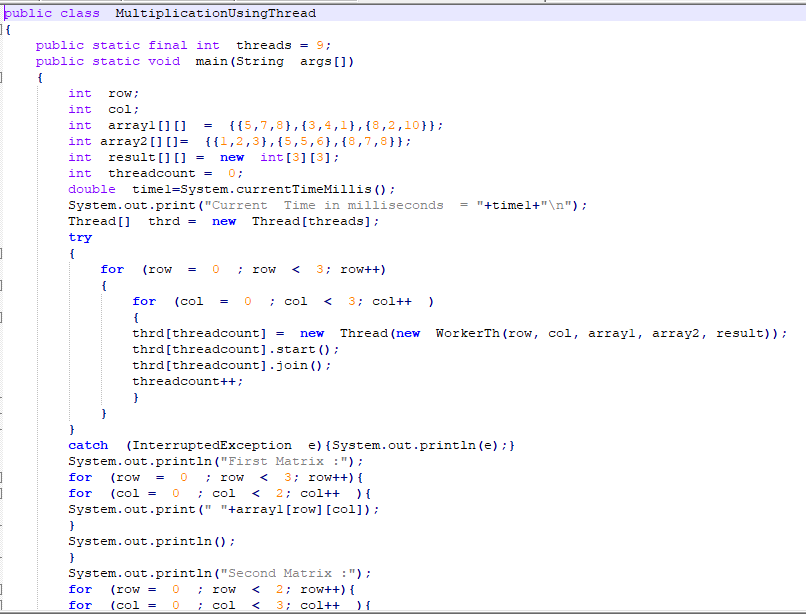
**OUTPUT :**

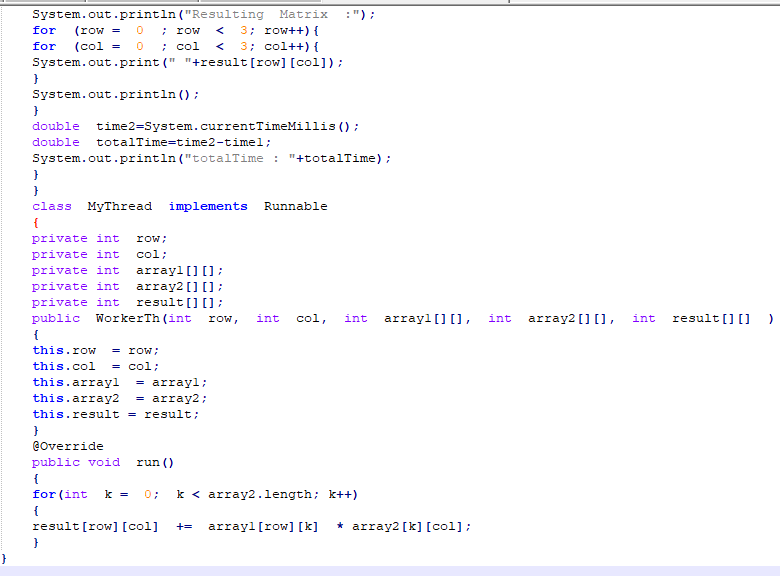


**Matrix Multiplication Using Thread:**

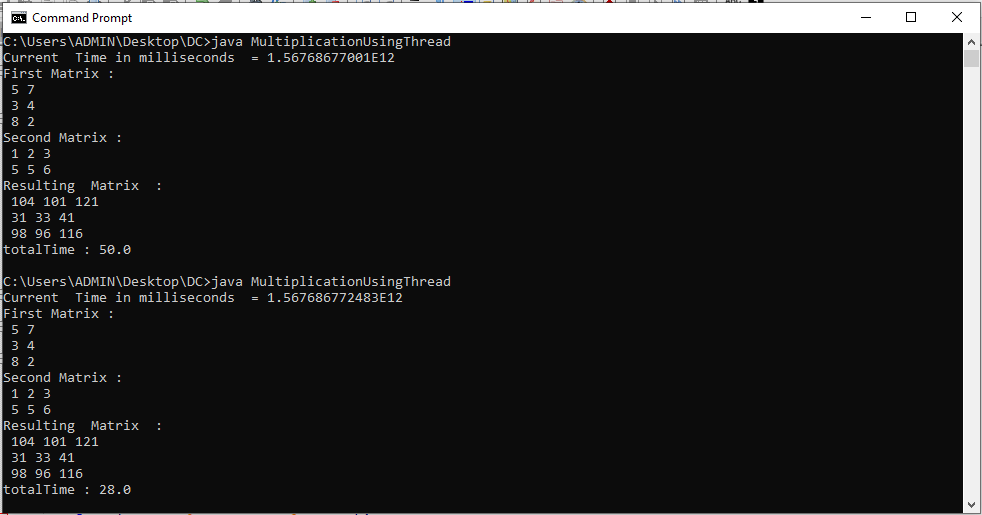
**Program:-**

**MultiplicationUsingThread.java**



**OUTPUT :**



**Conclusion: We Performed Both approaches with Thread and without Thread and from the result we see that time is taken more in Thread approach as compare to without thread approach.**