I created 2 class to make the process.

In the first, MatriceReader class has been created. A.txt and B.txt files are taken from the certain location of the computer. That fileReader class do not read the matrix txt file as matrix. It reads as string and we have to convert that from string type to integer type. I tried with .split() method but the last element of matrix for each line could not be read. Due to this, I used StringTokenizer class. After the reading, I assigned the matrix inside of the A.txt to the firstMatrix[][]. The index of the matrix will be calculated from the txt file. I did not write the index number of this matrix as counting by finger. Because I wanted to run this program for every matrix txt file. Index number has been taken from the MatriceFirstRow() and MatriceFirstColumn() method.

And the same operations will be made for the second matrix known as B.txt. Every step is the same like the first matrix. (matriceSecondReader() , MatriceSecondRow() , MatriceSecondColumn()).

In the MainClass, I created static matThread class extends Thread. I took the firstMatrix and secondMatrix from the MatriceReader class by using OOP. I created matriceReader object and I reached the matriceFirstReader() and matriceSecondReader() methods by using matriceReader object. And I created arr3[] which will be the multiplicated array from took the firstMatrix and the secondMatrix. Its index will be matriceFirstRow() and matriceSecondColumn() due to the math matrix multiplication rule. In the run() method of the matThread class, these two matrix will be multiplicated and in the below for loop of the run() method, arr3[] which is multiplicated matrix will be printed.

In the main method of the MainClass class, I printed the matrix first and second; and printed row and column number of the first and second matrix. And I created matThread object from the matThread class and I run the Thread by using .start() method of the Thread methods.

And that’s all. Multiplication of the these two matrix will be printed in the screen by using thread.