JAVA Programming Assignment
Multi Threading

1. Write a Java Program to solve producer consumer problem using Multi Threading.

2. Write a Java Program to solve Traffic Light Problem using multithreading. (Use concept of Thread Synchronization). Note: Print traffic lights in correct sequence (Red, Yellow, Green) after fixed interval of time.

3. Write a Java Program to add nXn matrix elements (integer) with the help of multi threading. Each thread performs the addition of elements of a single row in matrix. If there are n rows, then create n threads to perform the addition. In main method, print the final sum.