Lab 2: Threads (100 points)

You need to write the code for the following question that you took in the mid exam.

Write a complete JAVA program with the following requirements:

* The program should execute 100 threads each Thread should sum numbers from 1 to 50.
* The program should print the total sum (which is the total of all 100 threads sums).
* The program should be thread-safe & with best possible performance.