

1. Write a program that computes the sum of all factorials for numbers 1 to 20 using RecursiveTask in the Java Fork/Join Framework.
2. Modify the program above using RecursiveAction in the Java Fork/Join Framework.
3. Provide a sequential version of the program (computing the sum of all factorials for numbers 1 to 20) using for loops (or enhanced for loops). Compare the time taken to perform calculations in the three versions.