# Lab 7: Parallelizing techniques (2)

## Methods:

Init: -fill the starting list and prepare the result list (fill with -1)

threadingSolution: computes the result by starting a computeElement thread for each element in the result list

computeElement: wait for the previous element to be computed, when it is compute the element and return

sequentialSolution: compute the result

RandomBigInt: computes a random big integer by random byte filling and ensuring positive values

fillStartingList: fills the starting list with random values;

threadAddNumbers: compute the addition of n big numbers by divide et impera and summoning threads for each call

## Synchronization:

Thread sleeping

Binary tree thread dependencies

## Performance measurement: