

New Parallel Algorithms Exercises

std::accumulate

- Briefly describe the std::accumulate function and write a program to demonstrate its use
- Write another version of this program which uses a parallel execution policy

std::partial_sum

- Briefly describe the std::partial_sum function and write a program to demonstrate its use
- Write another version of this program which uses a parallel execution policy
- Using a different function, write another version of this program which uses a parallel execution policy

std::adjacent_difference

- Another algorithm in the <numeric> header is std::adjacent_difference
- This populates a vector with the difference between successive elements
 - e.g. {1, 2, 3, 4} gives {2-1, 3-2, 4-3}
- However, it was not necessary to create a new function to add support for execution policies to adjacent_difference. Why was this?