

Tutorial - 13

In this tutorial, you will design and debug a couple of numerical methods written in OpenACC.

1. Consider N cities each containing maximum N localities. These can be represented using an $N \times N$ matrix. Each locality ll in the city cc has a certain number of infected people given by `matrix[cc][ll]`. The given program tries to compute the percentage of infected people in each city. Find out and fix all the errors in the given code.
 2. Recall the serial and OpenMP versions we developed for the Jacobi method for solving a system of linear equations $Ax = b$ in Tutorial 5. Modify the pragmas to be compatible with OpenACC. Compare the performance of the OpenMP and the OpenACC versions.
-