# מחשוב מקבילי ומבוזר

## תרגיל כיתה #3

The purpose of this exercise is to familiarize
with MPI Cartesian topology

Problem definition:

Start **K*N** processes and define a Cartesian grid with **K** rows and **N** columns.
Each process will define a random number and will assign it to the variable **value**.
Calculate and display a Manhattan Distance from the process with rank **r** to the process which has a maximum value among all processes.

Requirements:

Use Collective operations where possible.
Pass **K, N, r** as arguments to the **main**()

בהצלחה