Task 3

1. Which 2 orderings perform best for these 1000-by-1000 matrices? Write your answer in the form "[Ordering1], [Ordering2]" (e.g. "ijk, ijk").

jki: 10.643 Gflop/s ---> A and C are accessed with stride of 1 and B is accessed with stride of 0. There is no stride of n. So it is fast

kji: 8.994 Gflop/s ---> Same strides as of above case

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2. Which 2 orderings perform the worst?

ikj: 1.275 Gflop/s ---> B and C are accessed with strides of n and A is accessed with stride of 0. There are 2 strides of n so it is slow.

kij: 1.352 Gflop/s ---> Same strides as of above

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