

Introduction to Parallel and Distributed Computing: Lab Assignment 2

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1 Introduction

2 Comparative Table of Performance

The table below shows the performance of the various algorithms as implemented in the C programming language.

N₀=N₁	Basic	Pthreads Diagonal	OpenMP	
			Naive	Diagonal
128	0.000355 s	0.002989 s	0.094637 s	0.003679 s
1024	0.008534 s	0.053530 s	0.079286 s	0.006984 s
2048	0.023156 s	0.132865 s	0.064469 s	0.052527 s
4096	0.099668 s	0.210901 s	0.24091 s	0.159302 s