Homework 11 Part 2 Mini Results Document

Algorithm	mkl_solver	mkl_solver_symm
Time Elapsed (s)	-8.78348112E-01	-2.23776507E+00

Surprisingly, the standard DGESV solver was faster than the dedicated symmetric DSYSV solver. The sparse structure of the matrix may have lent itself to faster calculations. This, combined with some possible overhead with the DSYSV solver's method, may be the reason why the DGESV solver was faster. Alternatively, there may have been a programming error by the team when setting up the module file, prolonging the code's execution.