OpenMP Assignment Report

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**Execution of the DFT program using OpenMP on INFN cluster**

* icc -o omp\_homework\_parallel -fopenmp omp\_homework\_parallel.c
* ./omp\_homework\_parallel

Makefile is provided.

The command “make clean” is used for removing all the .o files.

As we have seen during lessons , it is possible to get a report about the program adding in the command line during the phase of compilation the string -qopt=2 for showing which loops are not vectorized and why.

**Code Analysis**