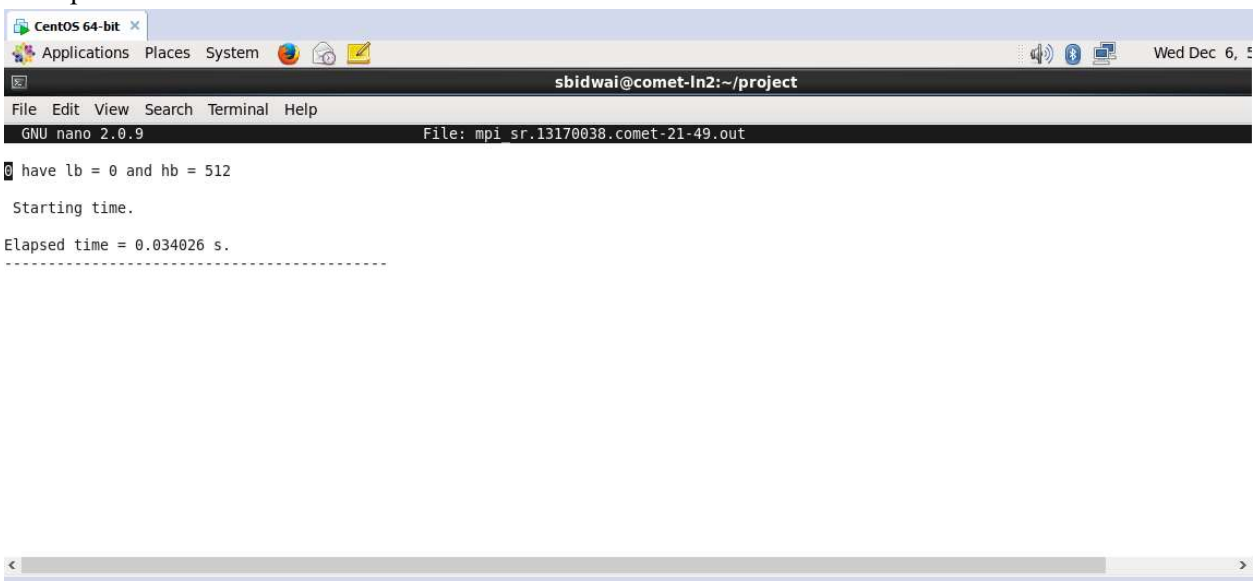
CS546 Project

Result Report

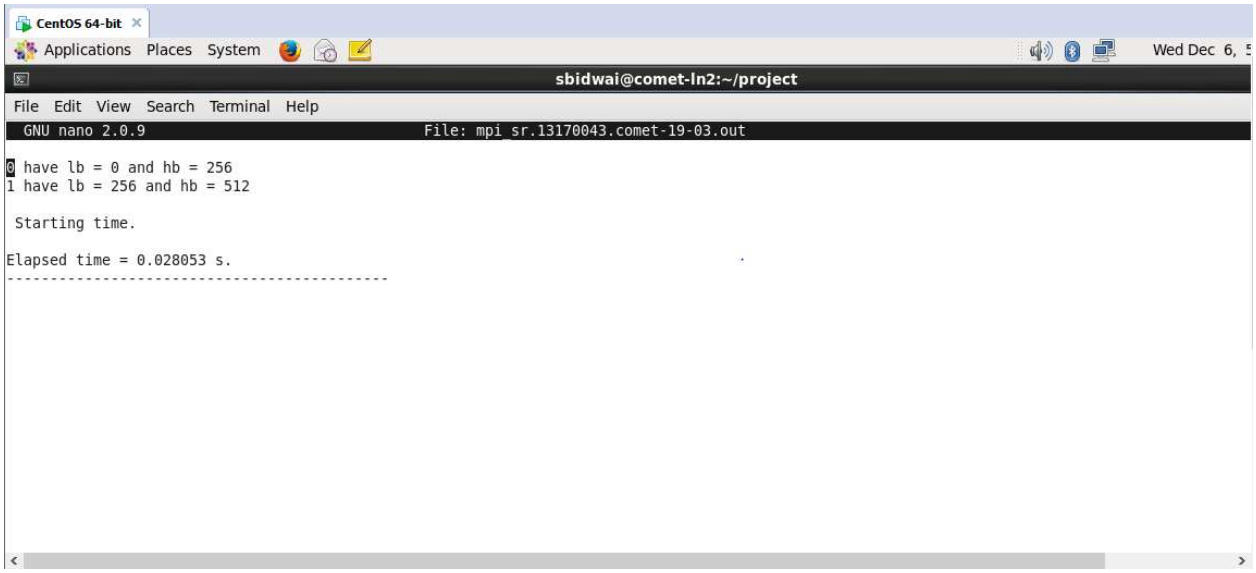
1. MPI send and Receive Operations

For 1 processor:



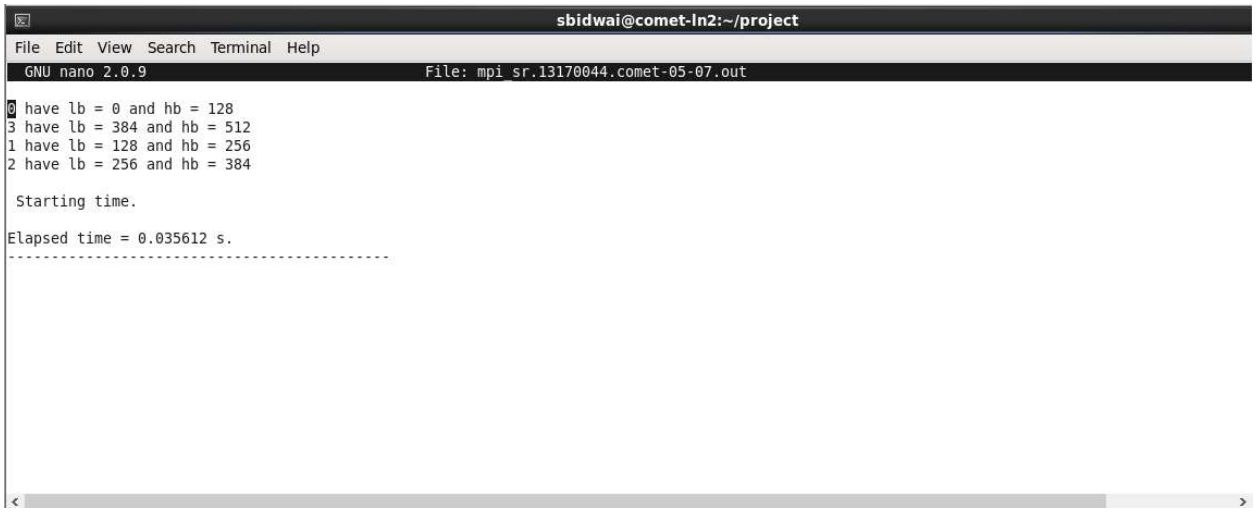
Time is 0.034026 sec.

For 2 processors:



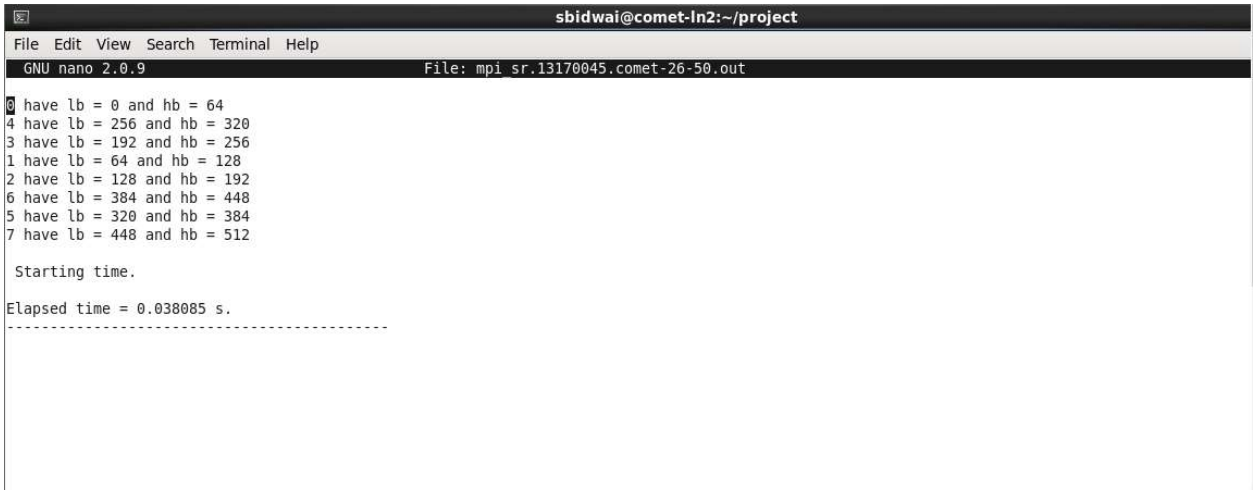
Time is 0.028053 sec

For 4 processors:



Time is 0.035612 sec.

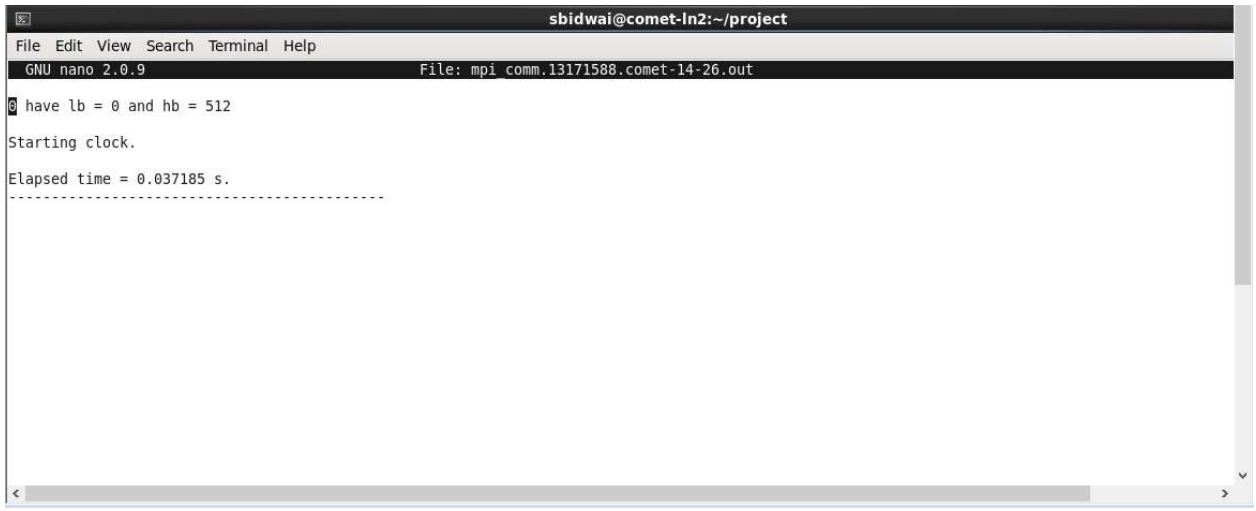
For 8 processors:



Time is 0.038085

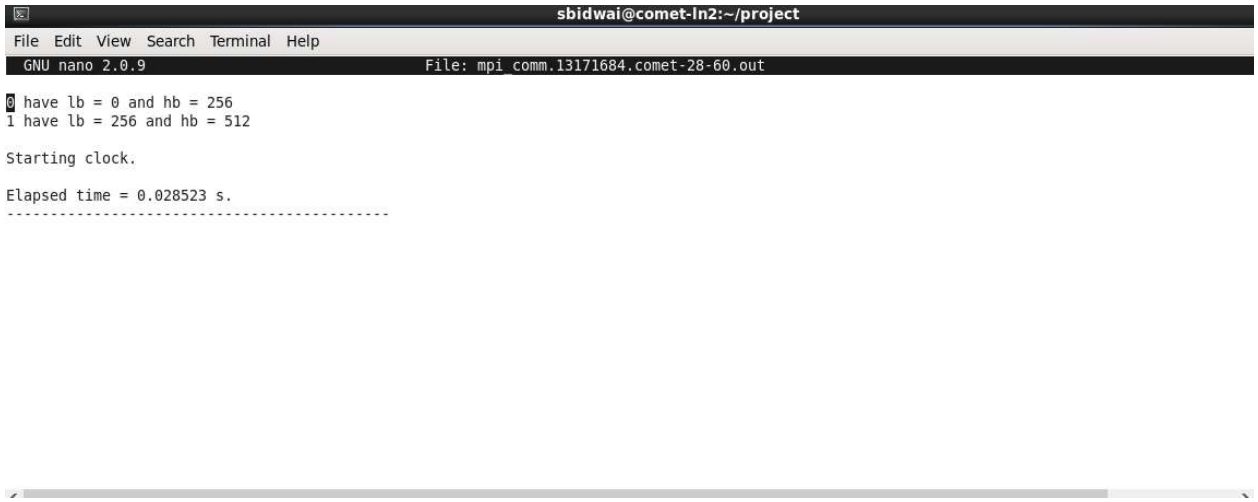
2. MPI collective communication

For 1 processor:



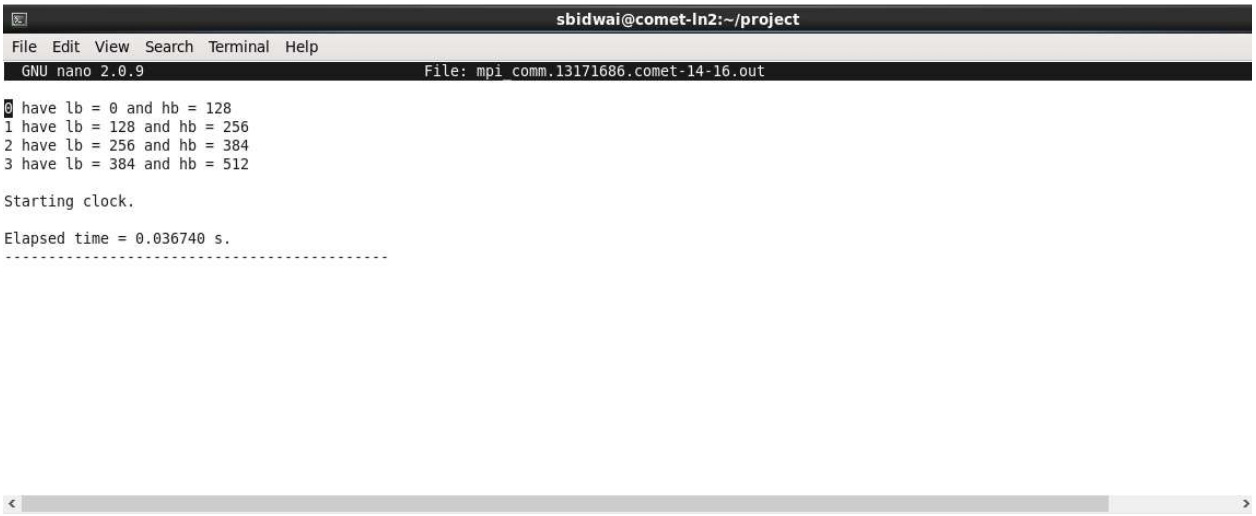
Time is 0.037185 sec

For 2 processors:



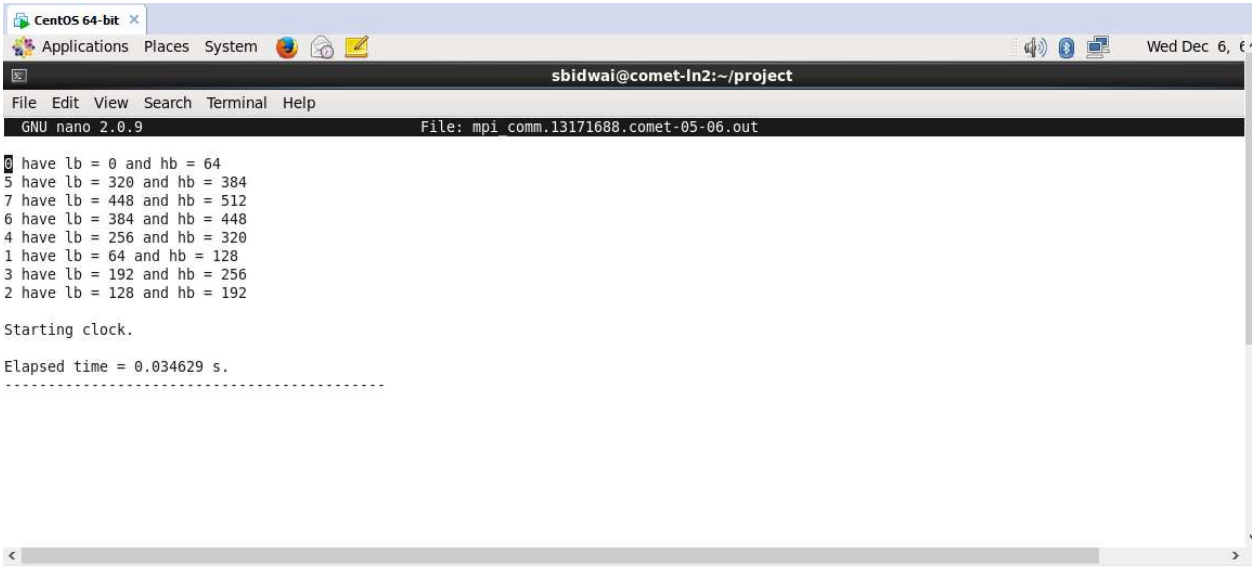
Time is 0.028523 sec

For 4 processors:



Time is 0.036740 sec

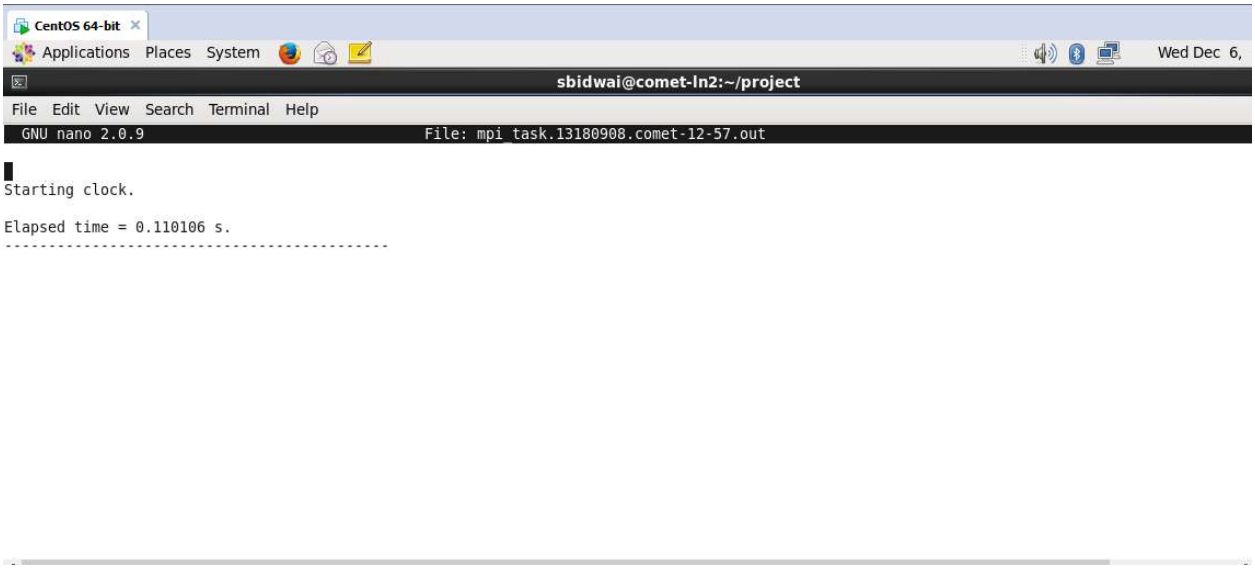
For 8 processors:



Time is 0.034629 sec.

3. MPI with task and data parallel model

For 8 processors:-



Time is 0.110106 sec.