There is a serial and one MPI code in this folder.

Both the serial and parallel codes are unified codes. That is one code can take care of both 1D,2D,3D problems.

The time march part is the part which is parallelised.
Depending upon which type of problem being solved , one of the subroutines OneD, TwoD and ThreeD have to be called.

The final result will be stored in files.

To read from the files and plot the 2D and 3D plots , the other two codes can be used.