Ay190 – Worksheet 16
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1 Finite Volume Hydro Code

1.1 Structure

For every loop, we calculate new time step. Then, using RK2 to calculate the new data with the helper function to calculate RHS. Apply boundary conditions into the RK2 also. Same as the diagram in the lecture note, at the end of RK2, we use the helper function `con2prim`. The `mydata` Class stores all values, which are easier to access and keep track.

1.2 Evolution