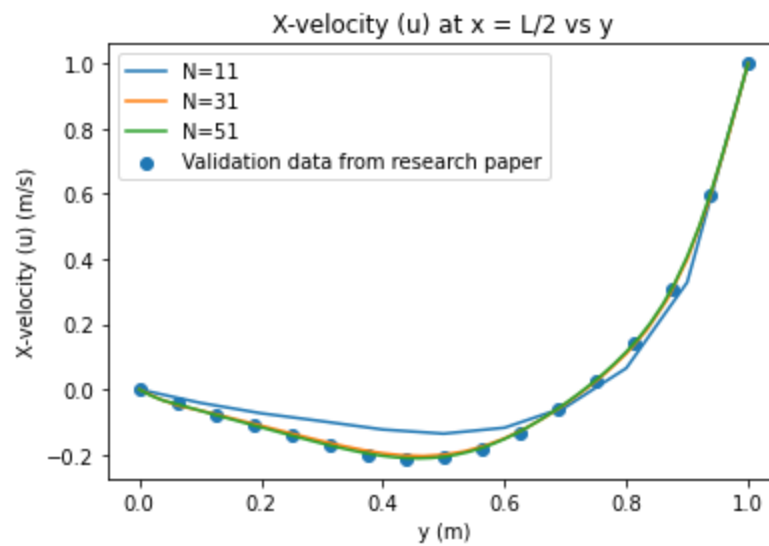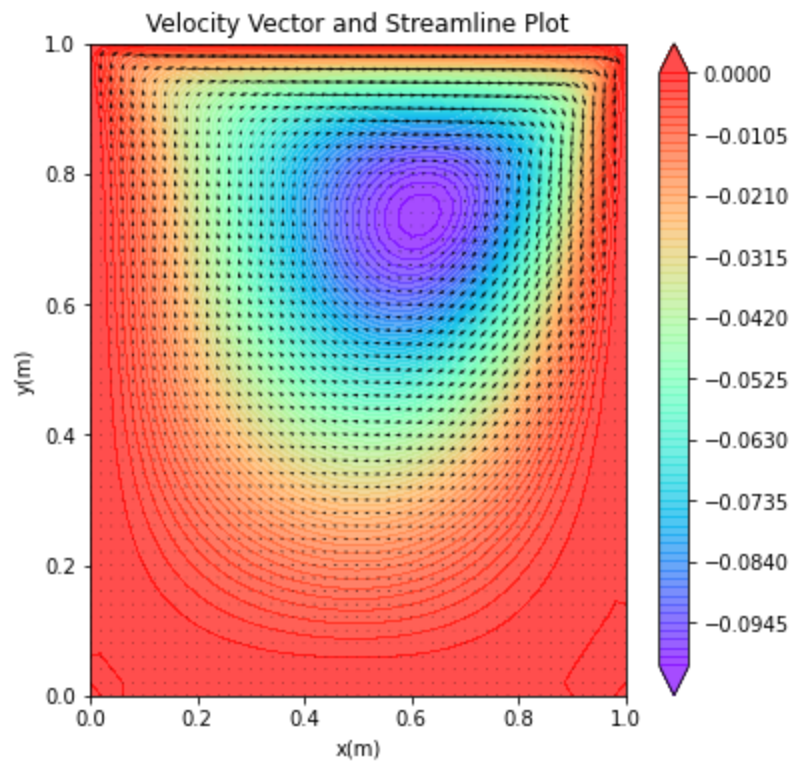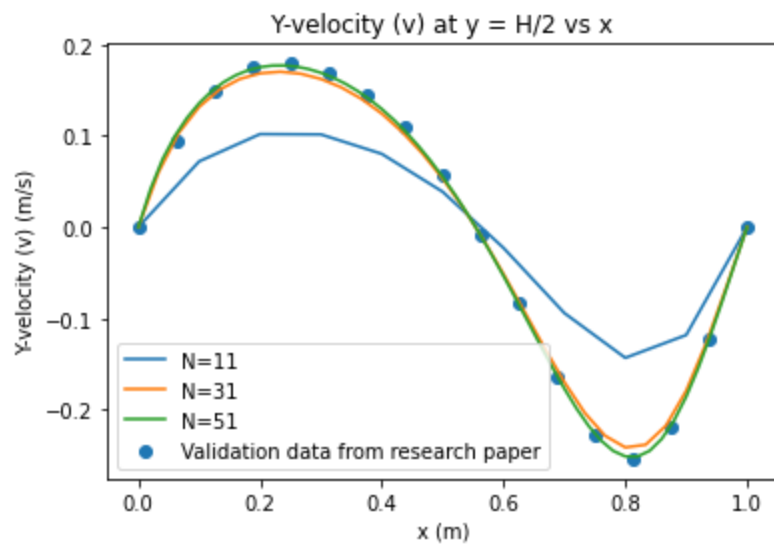# Lid Driven Cavity

24.04.2020
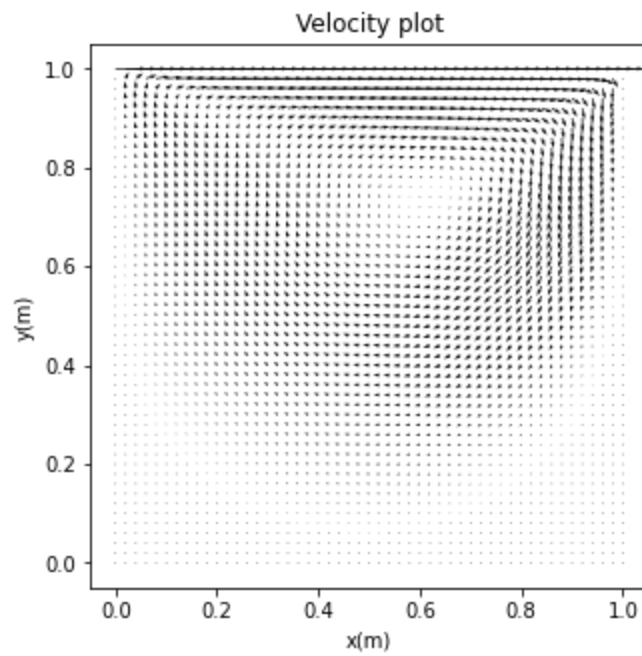
Aman Patkar

2017UME0094

Reynolds Number=100

51*51 Grid

Y-velocity (v) at y = H/2 vs x

Velocity Vector and Streamline Plot

stream-lines

Velocity plot

Countour plot of X-velocity(u)

Vorticity
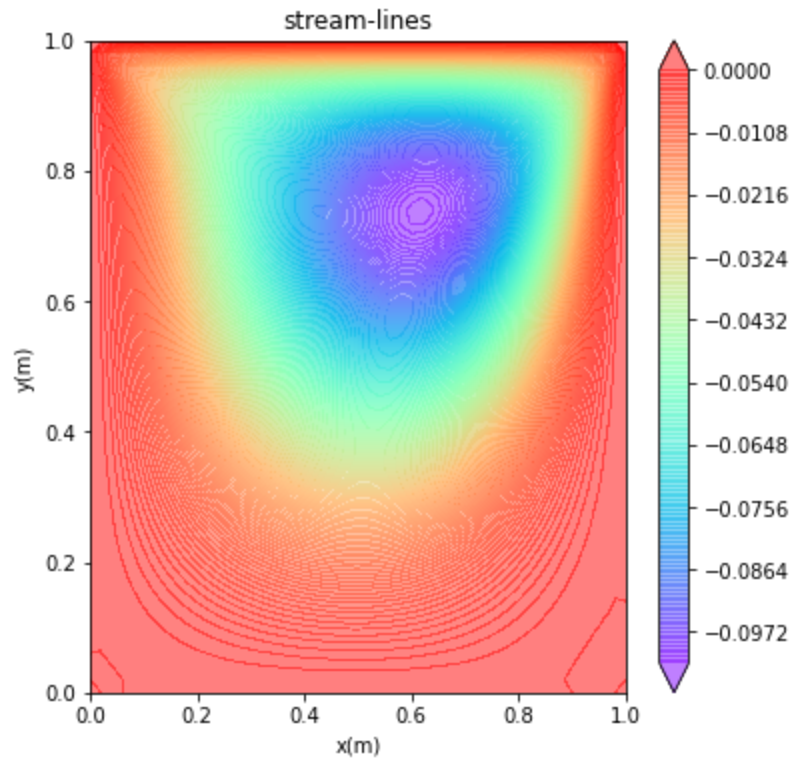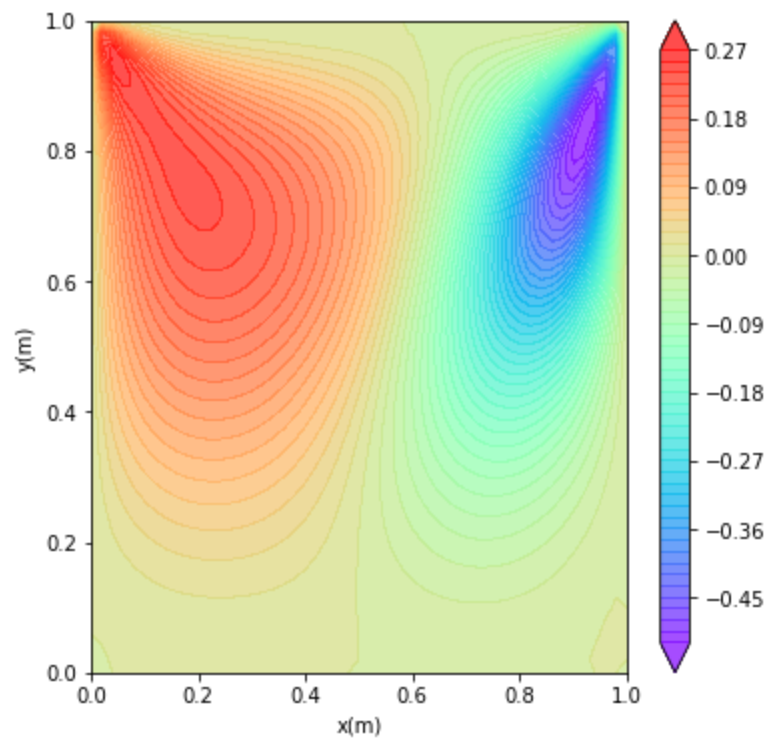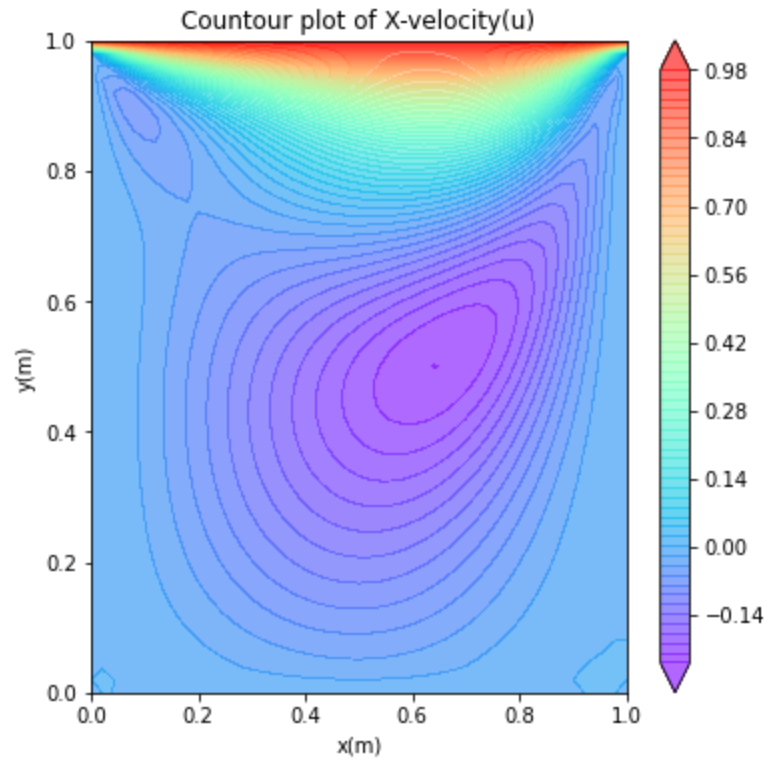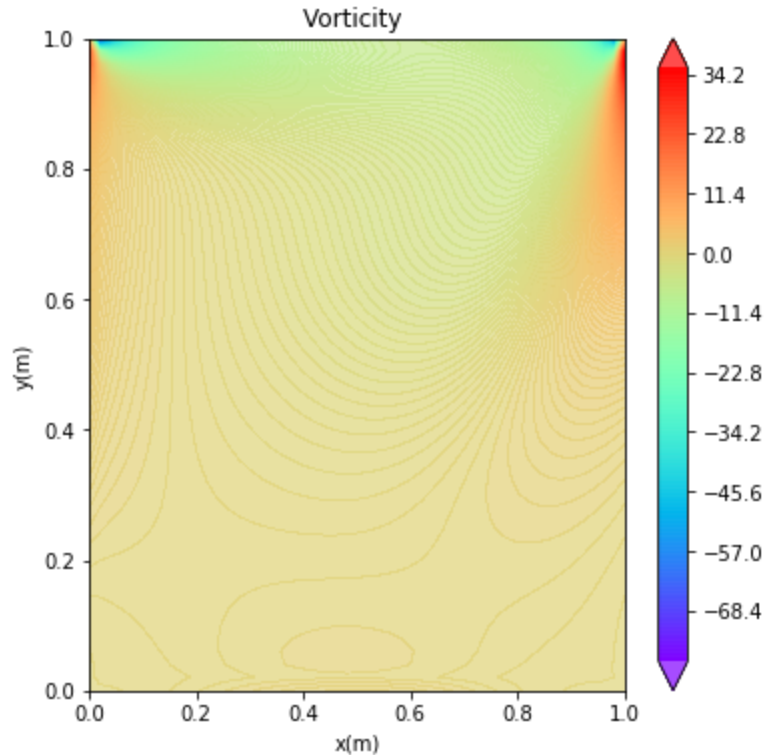
Note:- Colour scheme is different from the given results.

Conclusion:- After performing grid independence test, i get 51*51 grids is giving the same result as benchmark results.

reference:-http://www.scielo.br/pdf/jbsmse/v31n3/a04v31n3.pdf