Go through the GaussSeidel\_Jacobi\_comparision.m

1. Discuss why the Gauss\_Seidel method success but Jacobi fails for the example (full rank) matrix A.
2. Fix the convergence of Jacobi method (one way is to use partial pivoting) and explain how did you carry this out.
3. Please test the convergence speed via Jacobi and Gauss\_Seidel. Discuss why the convergence of Gauss\_Seidel (-L-1T) is faster than Jacobi (-D-1T)?