MECH105: Homework 16

Create a function that uses the Jacobi Iteration technique to solve a system of linear equations.

The first line of your .m file should like like the following:

```
function x = Jacobi_LastName(A,b,es,maxit)
```

Where:

- `A` is the coefficient Matrix of the system to be solved
- `b` is the right hand side vector
- `es` is the stopping criterion (default to 0.00001%)
- `maxit` is the maximum number of iterations before the function gives up (default to 50)

Check your notes from in class for a good start to the algorithm.