1. Chapter 4, problem 16 from Briggs, Henson & McCormick. Only code the 2D FMG scheme using the weighted Jacobi method. Then use the code with the $u$ and $f$ given on page 64 of the textbook, and report your results for the values of $n$ as is done in the first 4 columns in Table 4.3.

2. Chapter 5, problems 4 and 5 from Briggs, Henson & McCormick.

3. Chapter 5, problem 7 from Briggs, Henson & McCormick.