

For now you will download the files `bs` and `fs` from 5/14 on the class schedule, for back substitution and forward substitution. *DO NOT rename them - use them as they are.* Eventually you will download the file `h2oLU` as well, that performs *LU*-factorizations, but for now you will use your own *LU*-factorization file.

1. Create a function file called *yourfirstname_solve2* that accepts an $n \times n$ matrix A and a vector \mathbf{b} with n components, and returns the solution \mathbf{x} of the system $A\mathbf{x} = \mathbf{b}$. Make it so that it uses the functions `bs`, `fs` and a function for doing an *LU*-factorization - yours for now, eventually mine. The function should call those other functions, so it should need very few lines of code. **Send this to me by 4 PM on Friday, May 16th.**

More to come later.