TASK 9

Junit tests work by running the method through a test runner class which calls
one or more test cases which compare the output of a method with an expected
value. This particular test overrides fields and methods in parent classes
which contain the lines of code that run the test. In particular it changes
the method to solve the system and it inputs the expected values into
coefficient matrix and right hand vector.

To test a method(or class) you should create a new test class MyMethodTest.java
using the new JUnit test case wizard where it sets up the necessary framework.
Then you create a test method that calls the function you want to test and
compare its output with some expected output.