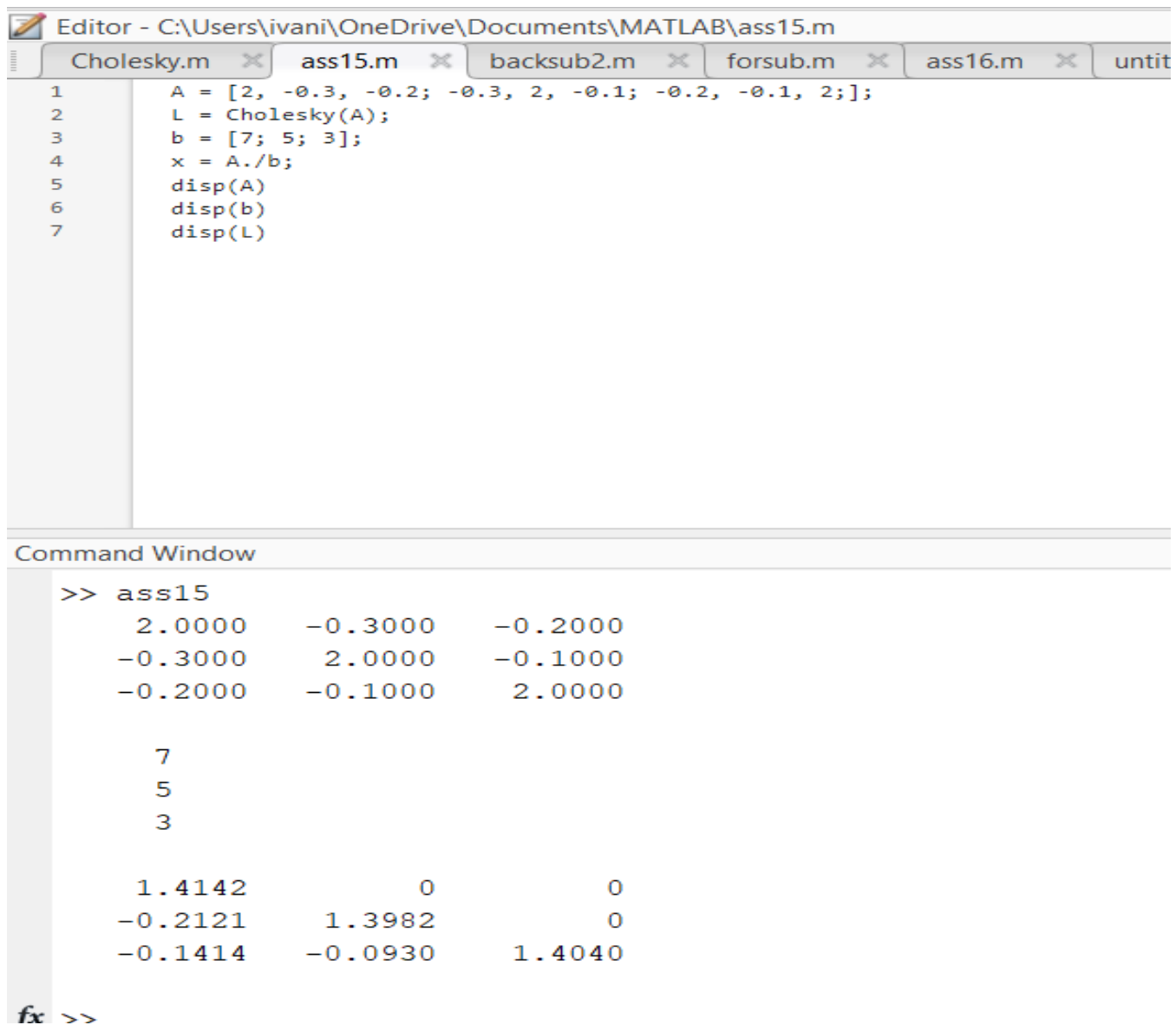


## Assignment 15



The image shows a MATLAB Editor window with several tabs: Cholesky.m, ass15.m, backsub2.m, forsub.m, ass16.m, and untitled. The active tab is ass15.m, which contains the following code:

```
1 A = [2, -0.3, -0.2; -0.3, 2, -0.1; -0.2, -0.1, 2];
2 L = Cholesky(A);
3 b = [7; 5; 3];
4 x = A./b;
5 disp(A)
6 disp(b)
7 disp(L)
```

Below the editor is the Command Window, which shows the output of the ass15 script:

```
>> ass15
    2.0000    -0.3000    -0.2000
   -0.3000     2.0000   -0.1000
   -0.2000   -0.1000     2.0000

     7
     5
     3

    1.4142         0         0
   -0.2121     1.3982         0
   -0.1414   -0.0930     1.4040
```

At the bottom left of the Command Window, there is a small icon labeled 'fx' followed by '>>'.