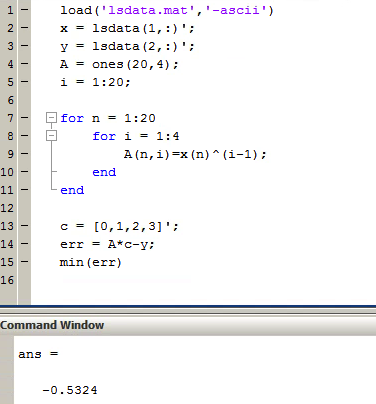
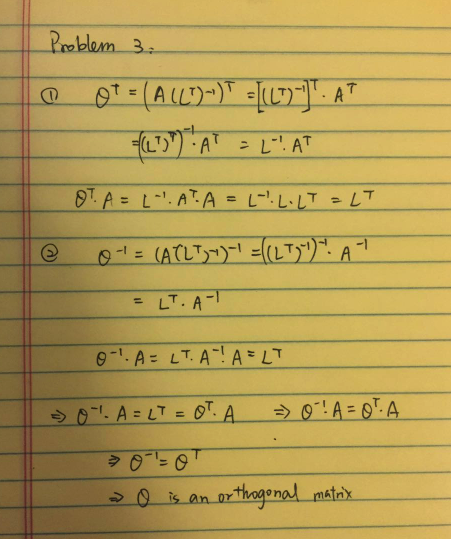
**Problem 1:**

Four digits of accuracy is expected.

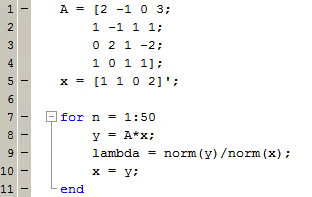
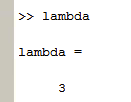
**Problem 2:**



**Problem 3:**



**Problem 4:**



The estimated eigenvalue is 3.