

```
In [3]: %runfile C:/Users/jacks/OneDrive/Desktop/hw5/untitled0.py --wdir
Problem 1 Solution x = [ 0.17677633  0.0126921 -0.0206612 -1.18326429]
Problem 2 Inverse of A =
[[ 0.27969349 -0.08045977  0.03831418 -0.01532567]
 [-0.08045977  0.37931034  0.05747126 -0.02298851]
 [ 0.03831418  0.05747126  0.21072797 -0.08429119]
 [-0.01532567 -0.02298851 -0.08429119  0.23371648]]
Problem 3 Solution x = [1.43636364 2.30909091 2.49090909 1.16363636]

In [4]:
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