```
>> matrixA = [0.16 0.85 0.34; -0.25 -1.5 0.50; 1.03 5.46 1.77], vectorb = [0.27;
-0.21; 1.75]; CSCI3656_ProblemSet4_1(matrixA, vectorb)

matrixA =

    0.1600    0.8500    0.3400
   -0.2500   -1.5000    0.5000
    1.0300    5.4600    1.7700

Step 1
  Matrix A:
    0.1600    0.8500    0.3400
         0   -0.1719    1.0313
         0   -0.0119   -0.4188

  Vector b:
    0.2700
    0.2119
    0.0119

Step 2
  Matrix A:
    0.1600    0.8500    0.3400
         0   -0.1719    1.0313
         0         0   -0.4900

  Vector b:
    0.2700
    0.2119
   -0.0028


ans =

    8.0446
   -1.1989
    0.0056

>>
```