

PS4_Problem1_Transcript_a.txt

```
>> matrixA = [-11 3 3; -2 -5 1; 1 -10 8], vectorb = [18; -3; 5];  
CSCI3656_ProblemSet4_1(matrixA, vectorb)
```

matrixA =

-11	3	3
-2	-5	1
1	-10	8

Step 1

Matrix A:

-11.0000	3.0000	3.0000
0	-5.5455	0.4545
0	-9.7273	8.2727

Vector b:

18.0000
-6.2727
6.6364

Step 2

Matrix A:

-11.0000	3.0000	3.0000
0	-5.5455	0.4545
0	0	7.4754

Vector b:

18.0000
-6.2727
17.6393

ans =

-0.6316
1.3246
2.3596

>>