

```
A = [5 2 -1; 2 4 3; -1 1 4];  
[L,U] = lu(A);  
B = [3;-5;8];  
  
D = L\B  
X = U\D
```

D =

3  
-6.2  
11.312

X =

4.4324  
-7.1351  
4.8919

