

```
close all; clear all; if 0; %ex1=====P A=[1,2,3,4;-1,2,-3,4;0,1,-1,1;1,1,1,1];  
b=[30;10;3;10]; x=A\b %ex2===== B=[1,-1,1,-1;1,1,2,3;2,4,5,10;2,-4,1,-6];  
c=[4;8;20;4]; det(B) rank(B) y=B\c end %ex3===== C=rand(50)  
d=rand(50,1) if (det(C)~=0) tic; e=C\d; t()=toc end
```