

```
commandwindow  
clear  
clc  
A=4;  
B=3;  
C=A+B  
clc
```

>>

```
commandwindow
clear
clc
A=[2,3,7,9,4; 3,7,9,12,5; 4,8,5,6,9; 5,9,2,4,5; 6,2,3,7,8]
D=det(A)
G=A'
P=inv(A)
```

A =

2	3	7	9	4
3	7	9	12	5
4	8	5	6	9
5	9	2	4	5
6	2	3	7	8

D =

-765.0000

G =

2	3	4	5	6
3	7	8	9	2
7	9	5	2	3
9	12	6	4	7
4	5	9	5	8

P =

1.8915	-1.4026	-0.3124	0.7843	-0.2078
-0.4379	0.3268	0.0523	-0.0392	-0.0196
2.5725	-1.8392	-0.0863	0.7647	-0.5176
-1.8876	1.4654	0.0105	-0.6078	0.3961
-0.6222	0.3778	0.2444	-0.3333	0.1333

>>

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```

```
A=[0,10,4,-2; -3,-17,1,2; 1,1,1,0; 8,-34,16,-10]
```

```
B=[-4; 2; 6; 4]
```

```
S=inv(A)
```

```
Z=S*B
```

A =

0	10	4	-2
-3	-17	1	2
1	1	1	0
8	-34	16	-10

B =

-4
2
6
4

S =

-0.1786	-0.1020	0.5714	0.0153
0.0357	-0.0153	0.0357	-0.0102
0.1429	0.1173	0.3929	-0.0051
-0.0357	0.1582	0.9643	-0.0612

Z =

4.0000
-0.0000
2.0000
6.0000

>>