

```
1) Commandwindow
clear
clc
```

```
2) 1 commandwindow
2 clear
3 clc
4 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]
5 togo= det(A)
6 ogo= transpose(A)
7 lizy= 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
```

togo =

-765.0000

ogo =

```
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
```

lizy =

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
```

```
>> olukoyigrace2
```

```
3) 1 A=[ 0 10 4 -2; -3 -17 1 2; 1 1 1 0; 8 -34 16 -10]
    2 C=inv(A)
    3 b=[-4;2;6;4]
    4 x=C*b
```

```
A =
```

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

```
C =
```

```
-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
```

```
b =
```

```
-4
 2
 6
 4
```

```
x =
```

```
4.0000
-0.0000
 2.0000
 6.0000
```

```
>> =see
```

