

```
>> A=[2 1 7  
3 0 -3  
2 2 6]
```

```
A =  
  
     2     1     7  
     3     0    -3  
     2     2     6
```

```
b=[24  
-3  
40]
```

```
b =  
  
    24  
    -3  
    40
```

```
x=A\b
```

```
x =  
  
     0  
    17  
     1
```

```
C=[A b]
```

```
C =  
  
     2     1     7    24  
     3     0    -3    -3  
     2     2     6    40
```

```
rref(C)
```

```
ans =  
  
     1     0     0     0  
     0     1     0    17  
     0     0     1     1
```

```
d=[1 2 3 4]
```

```
d =  
  
     1     2     3     4
```

```
E=[C;d]
```

```
E =  
  
     2     1     7    24  
     3     0    -3    -3  
     2     2     6    40  
  
     1     2     3     4
```

1 2 3 4

AA=E

AA =

2 1 7 24
3 0 -3 -3
2 2 6 40
1 2 3 4

AA(:,4)=[]

AA =

2 1 7
3 0 -3
2 2 6
1 2 3

bb=E

bb =

2 1 7 24
3 0 -3 -3
2 2 6 40
1 2 3 4

bb(:,[1 2 3])=[]

bb =

24
-3
40
4

A =

2 1 7
3 0 -3
2 2 6

??? A =

|
Error: Expected a variable, function, or constant, found "end of line".

>> exampl1

??? Undefined function or variable 'exampl1'.

>> example1

??? Error: File: C:\matlabR12\work\example1.m Line: 2 Column: 2
MATLAB assignment cannot be nested.

>> example1

??? Error: File: C:\matlabR12\work\example1.m Line: 2 Column: 2

MATLAB assignment cannot be nested.

>> example1

A =

2 1 7

b =

24
-3
40

??? Error using ==> \
Matrix dimensions must agree.

Error in ==> C:\matlabR12\work\example1.m
On line 5 ==> x=A\b

>> example1

A =

2 1 7
3 0 -3
2 2 6

b =

24
-3
40

x =

0
17
1

C =

2 1 7 24
3 0 -3 -3
2 2 6 40

ans =

1 0 0 0
0 1 0 17
0 0 1 1

```
d =  
    1    2    3    4
```

```
E =  
    2    1    7   24  
    3    0   -3   -3  
    2    2    6   40  
    1    2    3    4
```

```
AA =  
    2    1    7   24  
    3    0   -3   -3  
    2    2    6   40  
    1    2    3    4
```

```
AA =  
    2    1    7  
    3    0   -3  
    2    2    6  
    1    2    3
```

```
bb =  
    2    1    7   24  
    3    0   -3   -3  
    2    2    6   40  
    1    2    3    4
```

```
bb =  
    24  
    -3  
    40  
     4
```

```
CC =  
    2    1    7   24  
    3    0   -3   -3  
    2    2    6   40  
    1    2    3    4
```

```
ans =  
    1    0    0    0
```

0	1	0	0
0	0	1	0
0	0	0	1

xx =

2.9094
-0.4359
3.7059

>>