

MATLAB APPDESIGNER

Deleting Rows & Columns from Table

TUTORIAL 18

A Matrices in MATLAB

insert and delete rows and columns:

```
>> A = [1 2 3 ; 4 5 6 ; 7 8 9]
```

```
A =
```

```
     1     2     3
     4     5     6
     7     8     9
```

```
>> A(2,2)
```

```
ans
```

```
s
```

```
=5
```

```
>> A(3,3)
```

```
ans
```

```
s
```

```
=9
```

```
>> A(2,4)=30
```

```
A =
```

```
1     2     3     0
4     5     6    30
7     8     9     0
```

```
>> A(:,4)=30
```

```
A =
```

```
1     2     3    30
4     5     6    30
7     8     9    30
```

```
>> A(:,4)=[]
```

```
A =
```

```
1     2     3
4     5     6
7     8     9
```

```
>> A(4,:) = 50
```

```
A =
```

```
1     2     3
4     5     6
7     8     9
50    50    50
```

```
>> A(3,2)=50
```

```
A =
```

```
1     2     3
4     5     6
7     50    9
50    50    50
```

```
>> A(5,3)=60
```

```
A =
```

```
1     2     3
4     5     6
7     50    9
50    50    50
0     0     60
```

```
>> A(5,:) = 60
```

```
A =
```

```
1     2     3
4     5     6
7     50    9
50    50    50
60    60    60
```

```
>> A(:, :)=60
```

```
A =
```

```
60    60    60  
60    60    60  
60    60    60  
60    60    60  
60    60    60
```

```
>> A(:, :)=[]
```

```
A =
```

```
0x3 empty double matrix
```

```
>> A
```

```
A =
```

```
0x3 empty double matrix
```