

```
>> mat=rand(3,6)
```

```
>> sqmat=rand(3)
```

end :

```
>> mat(1:2 , 5:end)
```

length :

```
>> length( mat )
```

```
>> length( mat( : , 1 ) )
```

```
>> length( mat( 1 , : ) )
```

size :

```
>> size( mat )
```

```
>> size( mat( : , 1 ) )
```

```
>> size( mat( 1 , : ) )
```

det :

```
>> det(sqmat)
```

eig :

```
>> eig(sqmat)
```

sum :

```
>> sum( mat( : , 3 ) )
```

prod :

```
>> prod( mat( 3 , 2:end ) )
```

min :

```
>> min( mat )
```

```
>> min( mat( 2 , : ) )
```

max :

```
>> max( mat )
```

```
>> max( mat( 2 , : ) )
```

gallery :

```
>> gallery('tridiag' ,5 ,3 ,6 , 9)
```

