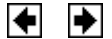


MATLAB Function Reference

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length

Length of vector

Syntax

```
n = length(X)
```

Description

The statement `length(X)` is equivalent to `max(size(X))` for nonempty arrays and 0 for empty arrays.

`n = length(X)` returns the size of the longest dimension of `x`. If `x` is a vector, this is the same as its length.

Examples


```
x = ones(1,8);  
n = length(x)  
  
n =  
      8  
x = rand(2,10,3);  
n = length(x)  
  
n =  
     10
```

See Also

[ndims](#), [size](#)

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 [legendre](#)

[length \(serial\)](#) 

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