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ARRAY CREATION FUNCTIONS



1:57 / 1:57

1.0x

EXAMPLE - VECTOR CREATION

- 1. Create a row vector `x` with 3 elements. You may use any values you wish as the elements.
- 2. Create a column vector `y` with 5 elements. Again, you may use any values you wish.
- 3. Create a vector `z` using the colon operator. It contains the values from 0 to 10 with spacing 0.5.

```
1 % Create a row vector x with 3 elements.
2 x = [1,2,3]
3
4 % Create a column vector y with 5 elements.
5 y = [1;2;3;4;5]
6
7 % Create a vector z using the colon operator
8 % containing the values from 0 to 10 with spacing 0.5.
9 z = [0:0.5:10]
10
11
12
```

Correct

```
x = [1,2,3]
y = [1;2;3;4;5]
z = 0:0.5:10
```

x =

1   2   3

y =

1  
2  
3  
4  
5

z =

Columns 1 through 9

0   0.5000   1.0000   1.5000   2.0000   2.5000   3.0000   3.5000   4.0000

Columns 10 through 18

4.5000   5.0000   5.5000   6.0000   6.5000   7.0000   7.5000   8.0000   8.5000

Columns 19 through 21

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