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myscript1.m (Script)

Workspace

Name	Value
a	-1
b	1
h	0.5000
x	[-1, -0.5000, 0.0000, 0.5000, 1]
y	[1, 0.2500, 0.0000, 0.2500, 1]
z	[-0.8415, -0.1199, 0.0000, 0.1199, 0.8415]

```

myscript1.m | myfun1.m | myfun2.m | +
1 % myscript1.m
2 a = -1; b = 1; h = 0.5;
3 x = a:h:b; % Create vector [a, a+h, a+2*h,...,b]
4 y = myfun1(x); % Create y-values using myfun1
5 z = myfun2(x); % Create z-values using myfun2
6 disp('x-values:'); disp(x); % Display x-values
7 disp('y-values:'); disp(y); % Display y-values
8 disp('z-values:'); disp(z);
  
```

Command Window

```

>> myscript1
x-values:
    -1.0000    -0.5000         0     0.5000     1.0000
y-values:
     1.0000     0.2500         0     0.2500     1.0000
z-values:
    -0.8415    -0.1199         0     0.1199     0.8415
  
```

*f(x) >>*

# Matlab Tutorial For Engineers

**L Cohen**



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