
Tutorial 4.2.1 for Loop

```
a = 0;  
for m = 1:10  
    m  
    a = a + m  
    pause  
end
```

m =

1

a =

1

m =

2

a =

3

m =

3

a =

6

m =

4

a =

10

m =

5

$a =$

15

$m =$

6

$a =$

21

$m =$

7

$a =$

28

$m =$

8

$a =$

36

$m =$

9

$a =$

45

$m =$

10

$a =$

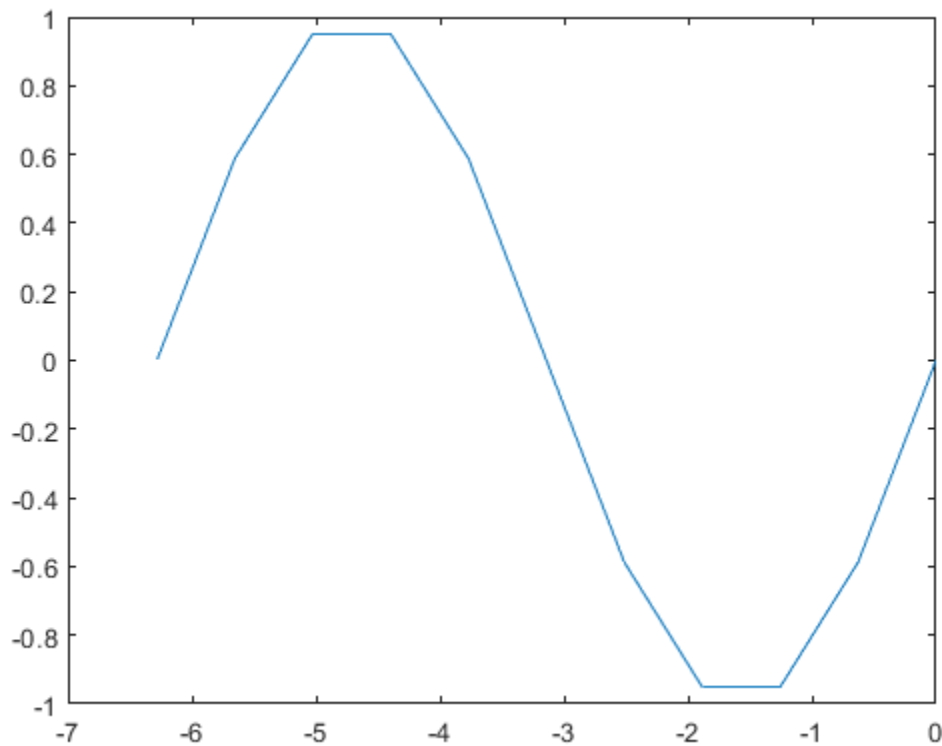
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Tutorial 4.2.1 for Loop (sinewave)

```
% Clear out the workspace
clear

% Generate the vectors to be plotted
for i = 1:11
    x(i) = (1 - i)*(2*pi/10);
    y(i) = sin(x(i));
end

plot(x,y)
```



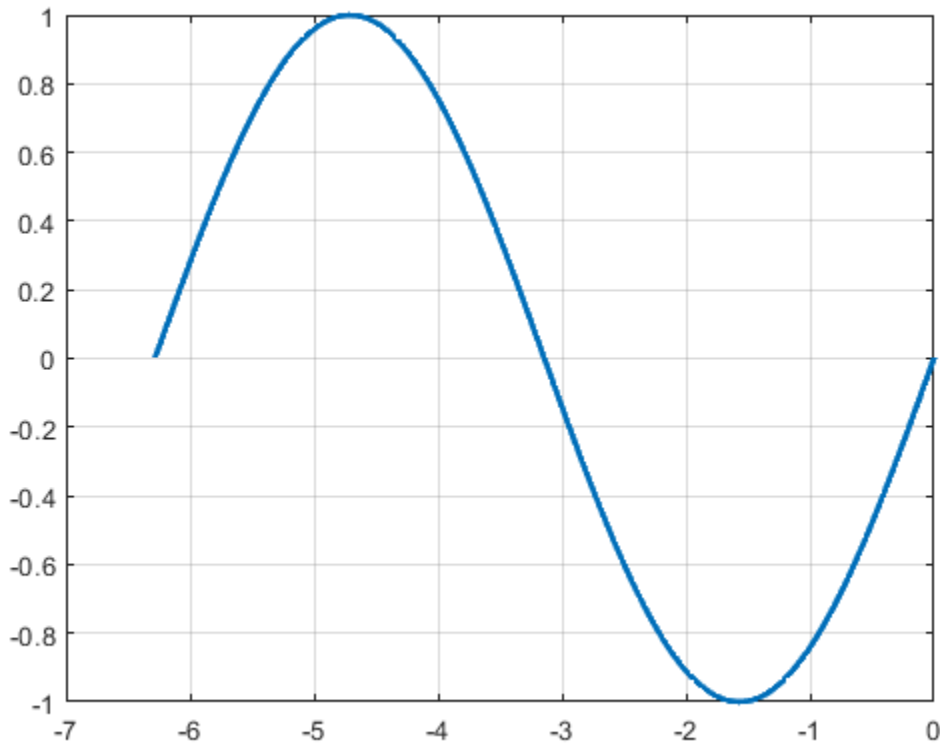
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Tutorial 4.2.1 for Loop (sinewave)

```
% Clear out the workspace
clear

% Generate the vectors to be plotted
for i = 1:1001
    x(i) = (1 - i)*(2*pi/1000);
    y(i) = sin(x(i));
end

plot(x,y, 'LineWidth', 2)
grid on
```



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