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C:\Users\Jonathan Emery\Documents\Northwestern-Lecturer\Pregraduate Coursepack\Coding\MATLAB

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Name ^
MATLAB.tex
MatlabBasicExample.m
MatlabBasicExample2.m

Editor - MatlabBasicExample2.m

```
1 - n = 10;  
2 - f = n;  
3 - while n > 1  
4 -     n = n-1;  
5 -     f = f*n;  
6 -     disp(['n! = ' num2str(f)])  
7 - end  
8
```

Workspace

Name ^	Value
f	3628800
n	1

Command Window

New to MATLAB? See resources for [Getting Started](#).

>> MatlabBasicExample2

```
n! = 90  
n! = 720  
n! = 5040  
n! = 30240  
n! = 151200  
n! = 604800  
n! = 1814400  
n! = 3628800  
n! = 3628800
```

fx >> Edi

MatlabBasicExample.m (Script)