

PHYSICAL MODELING IN MATLAB

EXERCISE 2.2

Write a few lines of code that swap the values of x and y . Put the code in a script called *swap* and test it.

The MATLAB script, *swap* contains:

```
% Exercise 2.2 - script "swap"
%
% store x in a temporary variable
temp = x;
% let x = y
x = y;
% let y have the value of x stored temporarily
y = temp;
```

To run:

```
% initialize x and y
x = 2;
y = 5;
% call the script to swap
swap;
% verify
x
y
```