# Problem 1. Times 2 - START HERE

Try out this test problem first.

Given the variable x as your input, multiply it by two and put the result in y.

Examples:

```
% Input  x = 2
% Output y is 4

% Input  x = 17
% Output y is 34
```

## Scratch Pad

```
x = 2
```

```
x = 2
```

```
fprintf('The result of multiplying %.2f by 2 is equal to %.2f!\n', x,
times2(x));
```

```
The result of multiplying 2.00 by 2 is equal to 4.00!
```

## Test Suite

```matlab
try
    % Test 1
    assert(isequal(times2(1),2));
    % Test 2
    assert(isequal(times2(11),22));
    % Test 3
    assert(isequal(times2(-3),-6));
    % Test 4
    assert(isequal(times2(29),58));
catch ME
    fprintf('%s\n', ME.message);
end
```

## Solution

```matlab
function y = times2(x)

  y = 2 * x;

end
```