

---

# Dr. Leon VanDommelen, Homework 0b, Due 09/11/18, Question 3

## Table of Contents

|                                |   |
|--------------------------------|---|
| Initialize .....               | 1 |
| My Solution: .....             | 1 |
| Additional m-File: sqr.m ..... | 1 |

### IMPORTANT:

1) Do not change **anything** in this header! Put the solution to the question completely at the end of the file.

2) If the solution requires a custom function, put a

```
%% Additional m-File: FUNCTIONNAME.m  
% <include>FUNCTIONNAME.m</include>
```

block behind your main solution (formatted exactly as shown and preceded by a blank line).

## Initialize

```
format compact  
more off
```

## My Solution:

```
sqr(2)  
sqr(3)  
var=4  
sqr(var)  
  
ans =  
    4  
ans =  
    9  
var =  
    4  
ans =  
   16
```

## Additional m-File: sqr.m

```
function x2 = sqr(x)  
%sqr: Returns the square of its input argument  
% Provided as an inverse of the sqrt function
```

```
x2=x*x;
```

```
end
```

*Published with MATLAB® R2015b*