```
%Example_structure_of_a_script
%ideally, the name of the program should match the filename

%{
What does this program do?
%}

%Author:  Who is the author of this program
%Date: When was it written

%Version control (keep track of versions, changes, and who made the
%changes)
%Version 1: Base Code

%Usually good to clear all variables (or at least specific ones)
clear all;

%Optional: Close all figures
close all;


%Define global (accessible by the whole program) variables
%Include units when appropriate


%Main body of the program


%User-defined functions need to either be at the end of the program
%or in a seperate file in the same directory
%If they are in a seperate file the name of the file must be the same
%as the function


%{
STYLE GUIDE:

1. All variables that represent physical constants or imported data should
   be defined with a short comment. Units should be specified. It is OK
   to not include a comment for index variables (like 'i') or variables
   that have obvious names or are not that important. Use your judgement.

2. Logical blocks of computation should be separated with return-spaces and
   include a short comment on what is being calculated.

3. Tabs should be used in if statements, loops, or functions to help the
   user understand the structure. Use MATLAB defaults on tabs.

3. Use semicolons to suppress anything but the intended output.

4. Comments in the code should be informative, but short.  You can include
   a longer description of what the code is doing at the top of the
   program. In that case it is helpful to use a block comment so you don't
   have to write a bunch of %'s. This is a block comment.

%}
```