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\mbox{\ensuremath{\mbox{\%}}} Start MATLAB or Octave on your machine. You get a prompt like this:
>>
% Now try a few simple commands.
>> diary on
              \% Causes Matlab to save a record of the session in a
              % file named diary. Later you can edit this file,
              % print it out, turn it in as homework, or whatever.
              % For more information about diary, type ''help diary''
>> a = .0256
a =
    0.0256
>> b = -78; c = .0142; % The semicolon suppresses printing.
>> format long % Changes format of output.
>> c
c =
   0.01420000000000
>> format long e % For more information on formats, type "help format"
>> c
c =
     1.420000000000000e-02
>> hb = b/2;
>> disc = sqrt(hb^2-a*c)
disc =
```

3.89999533948690e+01

```
>>> exit

% Some other commmands: "help" "help help"

% Chances are, you are running a modern version of MATLAB with
% a GUI interface. In this case you can do lots of things using
% the pulldown menus and so on. There is a built-in
% editor and a help browser.
%
% There is an Octave manual at the Octave web site. (Click on Docs.)
```