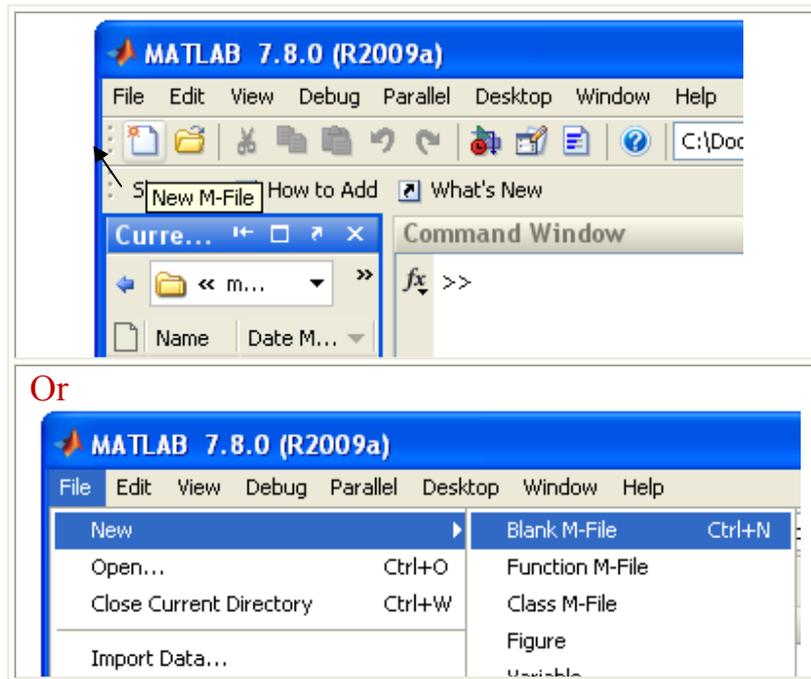
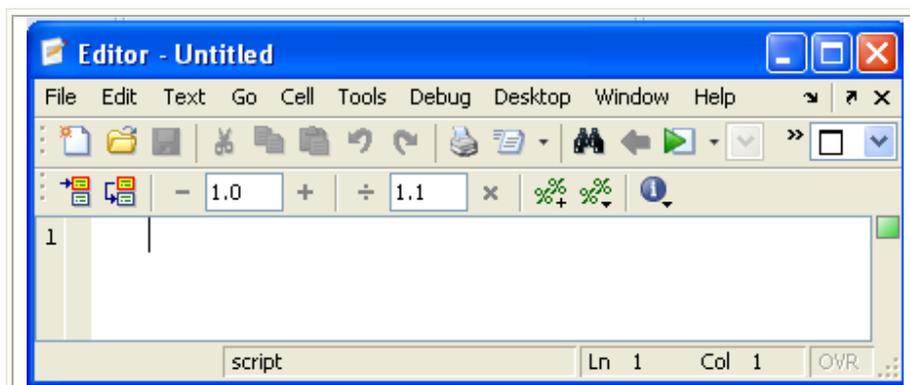


2. The MATLAB Editor/Debugger

To start the MATLAB text editor simply type, edit, at the command prompt. Another way to invoke the editor is to select **File->New->M-file** from the MATLAB desktop menu bar.

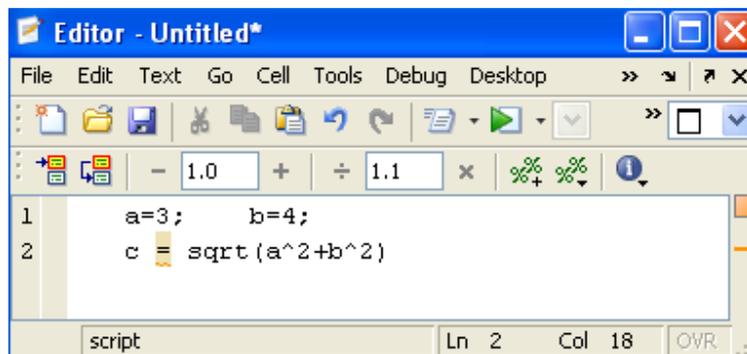


You should see the editor open with a new, empty document. The way you use the MATLAB text editor is essentially the same as how you would use Windows Notepad, or other simple text editors. When opened the MATLAB Editor/Debugger window looks like this:



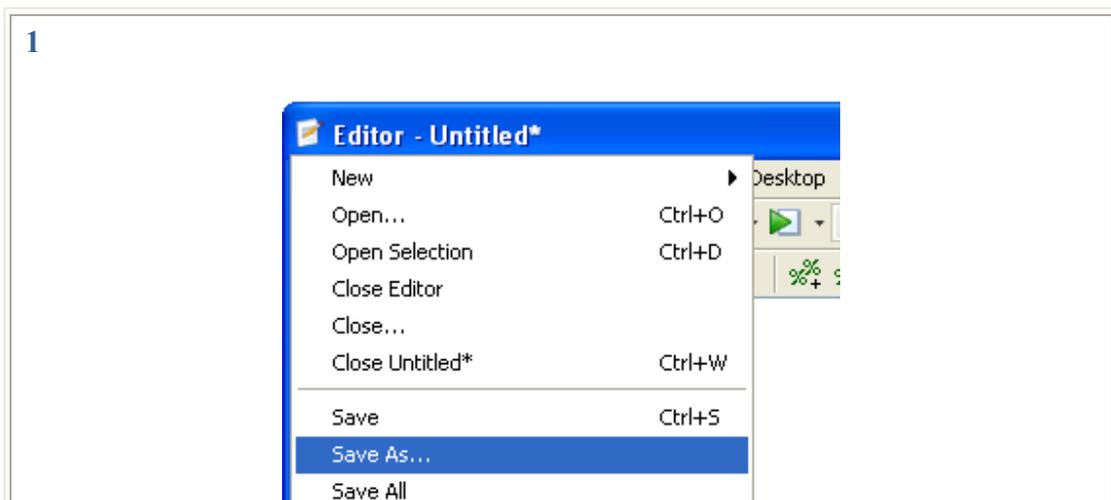
If you want to start the editor up with an existing file (e.g., a script file you have partially completed), then you can either type at the command prompt, `edit`, followed by the name of the file, or select **File->Open...** from the MATLAB Desktop, and then choose the file you want to open from the **Open** dialogue box.

Right now, you should practice using the MATLAB Editor/Debugger. Go ahead and start the MATLAB text editor. Below is an example that you can type in to get you started.

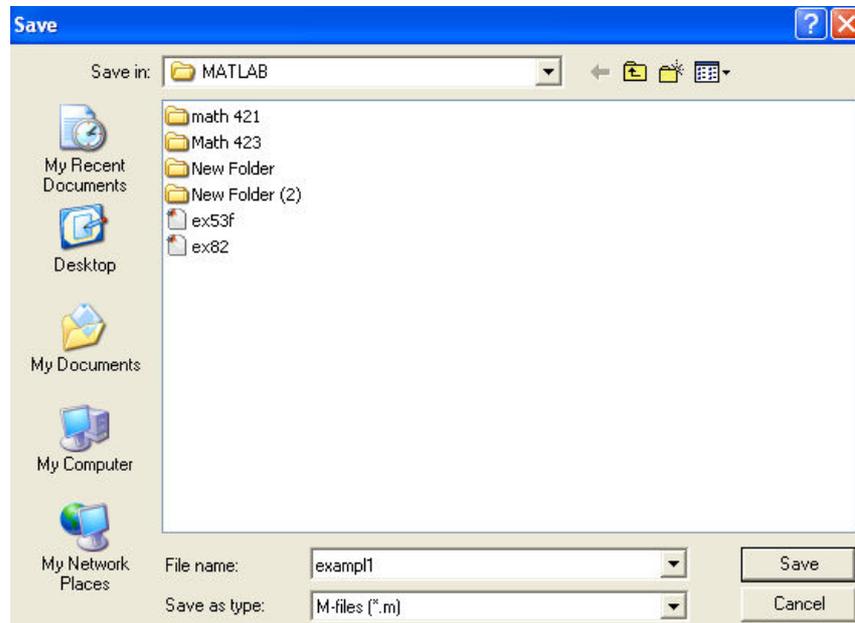


2.1 Saving Your Work in a File and Running

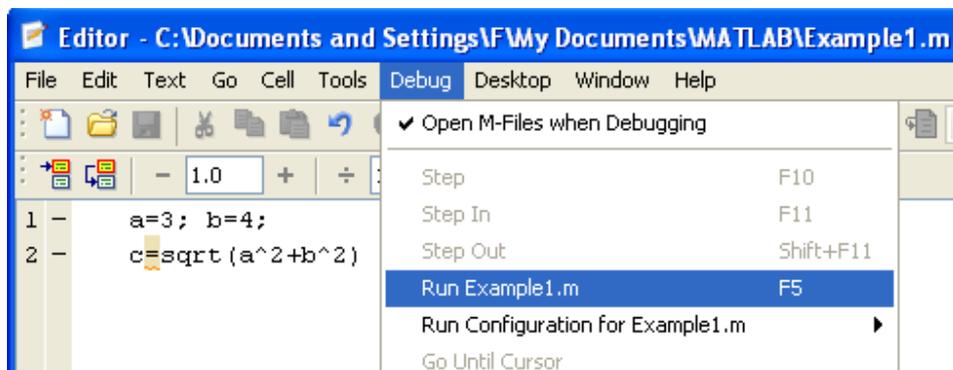
After you type the text in, save it in your current working directory (we will talk about directories and paths later). Then go back to the MATLAB command window and type the name of your script without the ".m" suffix at the command prompt (for example, `practice1`) and you should get the output:



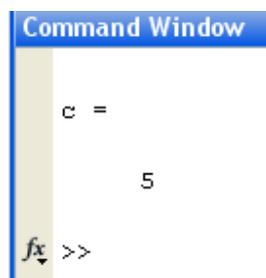
2



3



4



Also you can save your file in another directory you choose.

Below is a list of some useful functions when working with paths:

pwd	- present working directory
dir, or ls	- List directory
what	- List MATLAB-specific files in directory
cd	- Change current working directory
path, or matlabpath	- List the MATLAB search path
addpath	- Add directory to search path
pathtool	- Invoke the path tool interface
help general	- List of general MATLAB commands