# “system” command

The simplest way to do this is to use MATLAB's system function.So basically, you would execute a Python function on MATLAB as you would do on the command prompt (Windows), or shell (Linux):Run a Python file:system('python pythonfile.py')Run a file and pass arguments:system('python pythonfile.py argument')Note: MATLAB looks in the current MATLAB directory for whatever Python file you specify with the system command.

## Using Python commands and modules from matlab

First of all, the Matlab looks for Python in some default directory. To provide the path to the Python executable, use the pyversion function. For example: pyversion C:\Anaconda3\python.exeAfter that Python commands may be used with a py. prefix.Modules don't need to be imported. They are imported automatically when they are mentioned in command:a = py.math.pia = 3.1416Here is a little example:Let’s create a list of folders, P, using the Python sys.path variable. P = py.sys.path; Display the Python functions for a list type. methods(P)See help for the "append": py.help('list.append')Add current directory to the list: append(P,pwd)Look the elements of list: for v=P

disp(v)

end