Installing Python version of MuJoCo 2.2.1 and running a template MuJoCo Python file on a Linux

- A) Installing Python3 on Linux
- B) Installing Atom (text editor for python) on Linux and running Python code from Atom
- C) Installing Python version of Mujoco and running template MuJoCo file from Atom
- A) Installing Python3 on Linux
- A1) First check if you have python. In terminal type python3. If you have Python3 then you will see the version number and prompt like this >>> You can try some commands like print(3+2). You can quit python3 by typing quit()
- A2) To install python3, in terminal type sudo apt update and sudo apt install python3. Once done you can go back to A1 and check installation.
- B) Installing Atom (text editor for python) on Linux and running Python code from Atom
- B1) Go to https://atom.io/ and download atom. This will be a zip file. Unzip the file to get the Atom application. Drop this application in the Applications folder. You can double click it to open it.

- B2) We need to install two packages to get python up and running.
- i) Packages > Settings view > Install packages. Search language-python. Then install or enable it.
- ii) The package script is needed but it cannot be installed using Install packages. Instead open terminal. Then type apm install script. Close and reopen Atom.

In atom type print(2+3). File > Save as > test.py. To run go to Package > Script > Run Script. You should see the answer printed in the atom window.

If python does not run above. You need to configure python3 (default is python). Open Atom > Preferences. Then "Open Config Folder" > "packages" > "script" > "lib" > "grammars" > "python.js"
In the python.js change python to python3 in the "Selection Based" and "File Based". Restart from command prompt by typing atom . and run the file.

- C) Installing Python version of Mujoco and running template MuJoCo file from Atom
- C1) To install MuJoCo. Open the terminal and type pip install mujoco
- C2) Unzip the template_mujoco_python. Open the template_mujoco.py in Atom. Run the file by clicking

Package > Script > Run Script. If everything works fine you will see a green box dropped on a red floor.

C3) You can edit the template_mujoco.py to do more complex simulations.