Windows install

1. Open command prompt in windows (go to search bar or start menu and type in “cmd”)
2. Clone the git repository by entering the following into the command prompt:
   1. git clone https://github.com/mitmedialab/LM\_workshop\_activities.git
3. Change to the LM\_workshop\_activites directory by typing the following into the command prompt:
   1. cd LM\_workshop\_activities
4. Ensure Python is installed on your computer
   1. Type “py --version” into the command prompt and see if a version is installed. If it throws an error or says that py is not recognized as a command, you can install it at https://www.python.org.
      1. Part way down the page will be a download link to the latest version. Click that link and scroll down to files.
      2. Download the relevant file for your system (eg: windows installer (64-bit) for 64 bit windows) and run the exe file to install.
   2. Note, ensure that python’s script folder is added to your windows PATH environment variable or the following scripts won’t work. If you run into issues running pip, virtualenv, and the rest even once they are installed, check to see that your PATH variable includes the Python Scripts folder (usually C:\Users\YourUserName\AppData\Local\Programs\Python\PythonXX\Scripts).
      1. For windows 10, go to the windows search bar and type in “environment variables”
      2. Click on “edit the system environment variables” in the start menu.
      3. Click on “Environment Variables…” on the window that pops up.
      4. Under System variables, scroll down to Path, select it, and hit “Edit…”
      5. Click “New” and input the path to your python scripts folder.
      6. Click “OK”
      7. Close and re-open the windows command prompt
5. Download Visual Studio community version or another visual c++ compiler.
   1. Visual Studios can be found at: <https://visualstudio.microsoft.com/downloads/?cid=learn-onpage-download-install-visual-studio-page-cta>
   2. When installing, I selected the Python Development and Desktop Development workloads, though I do not know if both or either are needed.
6. Download CMake at: <https://cmake.org/download/>
   1. Select the appropriate binary installer for your system under Binary Distributions (eg: Windows x64 Installer for 64 bit windows).
   2. When installing, ensure that you select the option to add CMake to the PATH variable (or manually add it later as described in step 4b, except using the path to the cmake executable file).
7. Ensure that the pip module for python is installed
   1. Type “pip --version” into the command prompt. If it says that pip is not a recognized command, you can download pip by entering the following into the command prompt: “py -m ensurepip --upgrade”.
      1. This assumes that you have successfully added the python Scripts folder to the Windows PATH variable.
8. Install the required modules by entering the following into the command prompt (ensure you are in the LM\_workshop\_activities directory first):
   1. pip install -r requirements.txt
9. To get to each session, type cd session2 (for example). Follow the instructions in the readme for each session (you may have to right click and open them with notepad as windows does not recognize the file extension they have by default). You will likely need to agree to a 30 day free trial of the python GUI program or register if you so desire.