1: Go to https://github.com/Stereo101/python-MidiToVirtualPianoMacro and download the repository as a zip file using the green "Clone or Download" button.

2: Unzip the file and open the resulting "python-MidiToVirtualPianoMacro".

3: Run pyMIDI.exe. This looks at all files in this folder, and find the ones that end with *.mid*. The bach.mid and CorridorsOfTime.mid are already in the folder, so running pyMIDI.exe will give you a command window with

```
Press letter of midi file to process
a : bach.mid
b : CorridorsOfTime.mid
```

4: Ill use the CorridorsOfTime.mid file, so I press b and then enter. This will create 3 text files in the directory, and pyMIDI.exe will end and close the window. The 3 text files are song.txt, midiRecord.txt, and sheetConversion.txt. Heres a short explanation to what they are.

- song.txt is what playSong.exe uses to press the keys, but it is separated line by line and is hard to read.

- midiRecord.txt is mostly a debugging file that showed what pyMIDI.exe did while it converted the midi file.

- SheetConversion.txt is what you want if you want to play the song yourself.

5. Getting the song to play itself is fairly simple. Use playSong.exe after converting a midi file, and a blank command prompt window will pop up with the text "Starting macro with offset t= <Some number>"

This is where you pull up virtualPiano.net in a browser select it and press the DELETE (not backspace) key to start the song. Pressing DELETE a second time will stop the song. All playSong.exe is doing is pressing the keys, and if you unselect the window it will press the keys at whatever you have clicked instead.

6. If you want to convert and play your own midi files, place them in the "python-MidiToVirtualPianoMacro", running pyMIDI.exe will make them show up in the selection, choose to convert that and play it with playSong.exe or read the sheetConversion.txt if you want to play it yourself.