**Running *duplexAudio* in Python**

We recommend you use Python 3

First, load *duplexAudio.py* into your working director

Include

*from duplexAudio import duplexAudio*

in your Python script.

*duplexAudio* uses the module *pyaudio* and there are alternatives for installing it (if not already installed):

1. In the Windows command-line (right-click on the windows symbol and select *Run*) and enter

*python -m pip install pyaudio*

or

from [http://www.lfd.uci.edu/~gohlke/pythonlibs/#pyaudio](http://www.lfd.uci.edu/~gohlke/pythonlibs/%23pyaudio)

download PyAudio‑0.2.11‑cp35‑cp35m‑win\_amd64.whl

*pip install PyAudio‑0.2.11‑cp35‑cp35m‑win\_amd64.whl*

This requires admin permissions

Or, if that fails

1. As the first line of any script that uses pyaudio

*import pip*

*package = 'pyaudio'*

*pip.main(['install', package])*

*import pyaudio*

or

Linux

Install via Linux package manager

Ubuntu: *sudo apt-get install python-pyaudio*

MacOS

In the MacOS terminal

*pip install pyaudio*

if using Anaconda distribution (if not using anaconda’s pip)

*conda install pyaudio*

Run *Q1\_biomed\_assignment\_start.py* to test.