HCI – Setup for creating Chatbots in Python

1. Open a terminal and perform the following:
   1. Install Python (2.7) from <https://www.python.org/downloads/>
   2. Download and install Miniconda (PATH/TO- where this is downloaded)
      1. -bash-4.2$ wget https://repo.anaconda.com/miniconda/Miniconda3-latest-Linux-x86\_64.sh
      2. -bash-4.2$ sh Miniconda3-latest-Linux-x86\_64.sh -b -p $PWD/miniconda3
      3. bash-4.2$ source /PATH/TO/miniconda3/bin/activate -bash-4.2$ export
      4. PYTHONNOUSERSITE=true
   3. Create new environment and activate it
      1. -bash-4.2$ conda create -n tf\_HCI python=2.7
      2. -bash-4.2$ conda activate tf\_HCI
   4. Install TensorFlow 1.1
      1. -bash-4.2$ pip install tensorflow==1.0

Do not shut down the terminal.

1. Navigate to path TF\_Version folder (shared in zip or on github)
   1. Run the program Chatbot.py as
      1. -bash-4.2$ Python Chatbot.py
   2. It shows all the processing and at the end opens interactive mode to chat with it.

NOTE: this program is very slow, so I kept very few epochs so the responses are literally garbage. If you want more accuracy Open the file and edit Line 282 “epochs = 5” to “epochs = 100” [It might take days to train the model]