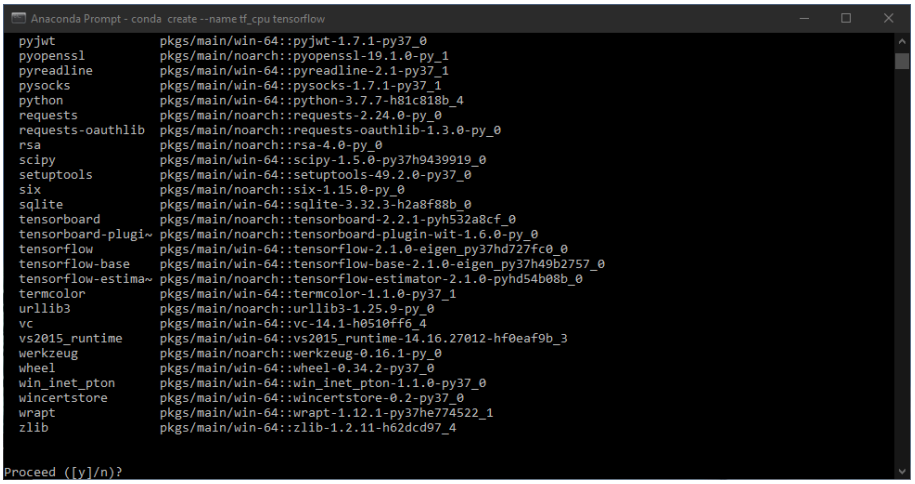
Installing python and tensorflow

1. Go to https://www.anaconda.com/products/individual and install the latest version of anaconda. If anaconda is already installed, you can skip this step.
    a. Tensorflow can be installed without anaconda, but the installation is a lot more complicated (especially if using the gpu) and will not be covered in this document. Antonio highly recommends using anaconda, but if you want to install it the old-fashioned way, you can find instructions online
2. After the installation open the Anaconda Prompt. It should look like this:

3. If your computer has a NVIDIA video card, type into the prompt:
    a. *conda create --name tf_gpu tensorflow-gpu seaborn pandas*
4. If your computer doest **NOT** have an NVIDIA video card, type:
    a. *conda create --name tf_cpu tensorflow seaborn pandas*
5. Type y when asked



6. Type:
    a. If video card: *conda activate tf_gpu*
    b. If no video card: *conda activate tf_cpu*
7. To test installation type:
    a. *Python*
    b. In the python console type:

        import tensorflow as tf
        tf.reduce_sum(tf.range(1000))

        The following should be printed in the console:

        <tf.Tensor: shape=(), dtype=int32, numpy=499500>

If the code runs without error, tensorflow is installed correctly. If errors are shown, repeat steps 3-7.