This document provides the necessary instructions for completing the Week 9 Interactive Exercise.

**Exercise 1: Complete Lab Session 9 exercises.**

**Exercise 2: Training Nets using TensorFLow**

* + Use **backprop-with-tensorflow** project
  + Build a net of shape 2-10-1 to solve the XOR problem
  + Test the model on (0,0) and (1,1)
  + Demonstrate the exercise in class.

Changed the 4 to 1: units: 10;

A computer screen shot of text

Description automatically generated

Changed const input = tf.tensor2d([1,1], [1, 2]); with const input = tf.tensor2d([0,0], [1, 1]);

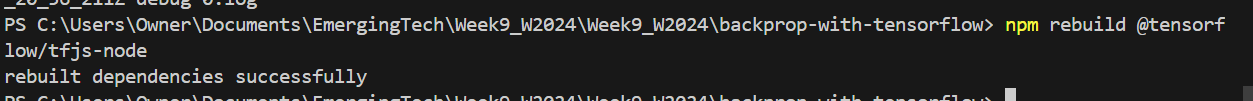
A computer screen with colorful text

Description automatically generated

Python 2.7 didn’t work for more and I did 3.7 instead, but npm install still won’t install. From my understanding is that the python version doesn’t have something wrong with it but with the TensorFlow.js Node.js bindings

A screenshot of a computer program

Description automatically generated



It still doesn’t work.

**References**

Week 9 slides

Lab Session 9

backprop-with-tensorflow project in Week 9 folder