Quiz5

Due Oct 9 at 5pm   **Points** 100   **Questions** 2

Available Oct 7 at 1pm - Oct 9 at 11:59pm 2 days   **Time Limit** None

This quiz was locked Oct 9 at 11:59pm.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	510 minutes	100 out of 100

> ⊘ Correct answers are hidden.

Score for this quiz: **100** out of 100

Submitted Oct 8 at 9:47pm

This attempt took 510 minutes.

Question 1	50 / 50 pts

Get the XOR code to work in colab. Upload your python (.py) file with comments on what changes you had to make for it to get the right answer and show sample output. You can use

numpy.round(out) on your outputs to easily see if you get the correct answers.

⤓ **xor2020_1.py**
(https://usflearn.instructure.com/files/103202276/download)

Question 2	50 / 50 pts

Given this new training data and target data below

1. What are you trying to learn (what function)?

2. Set up code that learns it and with the answer to (1) in comments and a note on the changes from XOR code and upload your .py file from colab with example output.

training_data = tf.constant([[0,0,0],[0,0,1],[0,1,0],[0,1,1], [1,0,0],[1,0,1],[1,1,0],[1,1,1]])

target_data = np.array([[0],[1],[0],[1],[0],[1],[0],[1]])

   ↓ **xor2020_2.py**

   (https://usflearn.instructure.com/files/103230134/download)

Quiz Score: **100** out of 100