

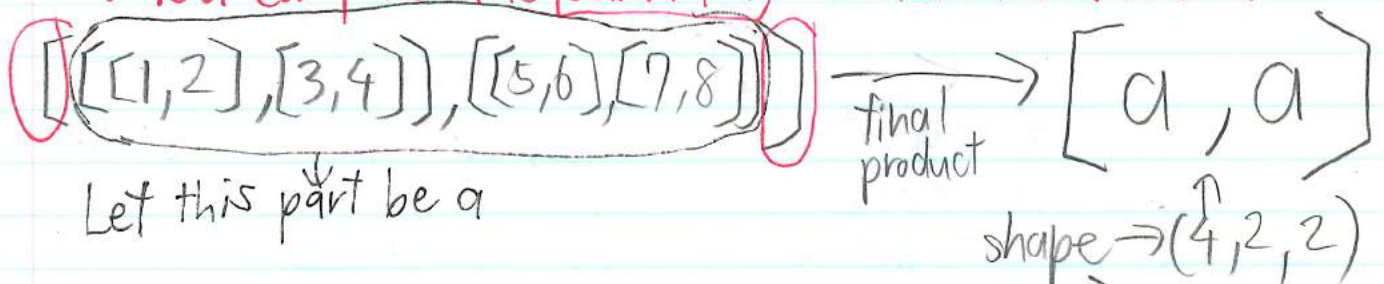
# Numpy Concatenation

`arr = np.array([[1, 2], [3, 4]], [[5, 6], [7, 8]])`

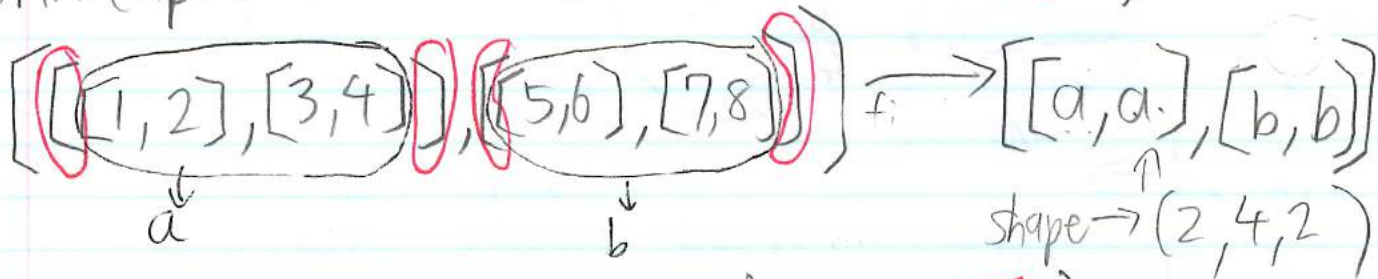
→ This array is 3-dimensional, shape → (2, 2, 2)

① `print(np.concatenate((arr, arr), axis=0))`

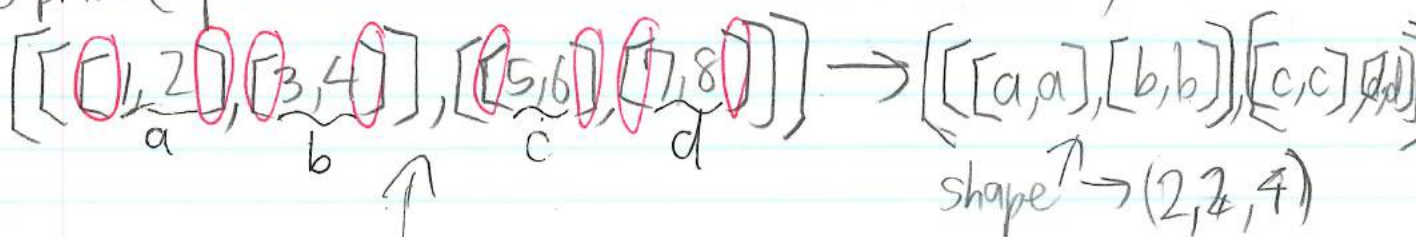
→ You compare the outermost brackets and what is inside them



② `print(np.concatenate((arr, arr), axis=1))`



③ `print(np.concatenate((arr, arr), axis=2))`



The formatting and location of the outer two brackets stay the same. Only the items inside the red circled brackets change!!