HW5

Based on the ratio **(citations in 2022)/(citations in 2021)**,
approximated to two decimal places, determine the category of each individual as one of the three shown below:
1. Low (<1.05).
2. Medium (1.06-1.15).
3. High (>1.15).
Use a **1-hidden layer 6-6-3 neural network** to solve this **classification problem**, using 80% of the data for training.
The inputs to the network would be the citation numbers **from 2017 to 2022, normalized** as you consider appropriate.
Evaluate the results on the remaining (20%) test data.

Your submission should include:
1. code
2. report_HW5.pdf (Explain your approach to this classification problem. Comment on your results.)

Due: 11/04/2023