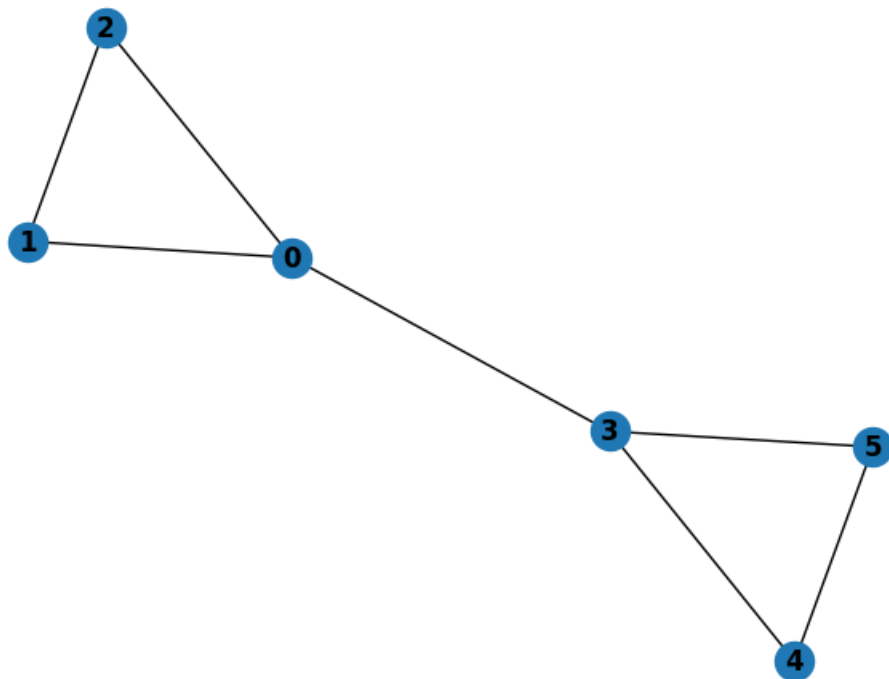


GCN Task

Given:

Simple graph:



Initialised weights for first layer:

0.0020944
-0.00648353
0.0084964
0.00065057

Initialised weights for second layer:

0.00974544	-0.00477003
-0.01182214	-0.01196023

0.01445716	-0.01005541
0.01445809	0.00727081

ReLU as the activation function And the node id as the node feature.

Find

Perform a simple 2-layer GCN forward pass. The network will have 4 neurons in the hidden layer and 2 output neurons (x and y).

If possible plot the results to see the results, what can you say about GCN after looking at the results?