**Output network.py**

The result of neural with 3 layers, including 1 input layer, 1 hidden layer, and 1 output layer shows below

A screenshot of a computer

Description automatically generated

The result of neural with only input and output layer shows below

A screenshot of a computer code

Description automatically generated

Overall, the neural network with a hidden layer outperforms the one without a hidden layer in terms of accuracy. However, the model without a hidden layer is faster to train and run.