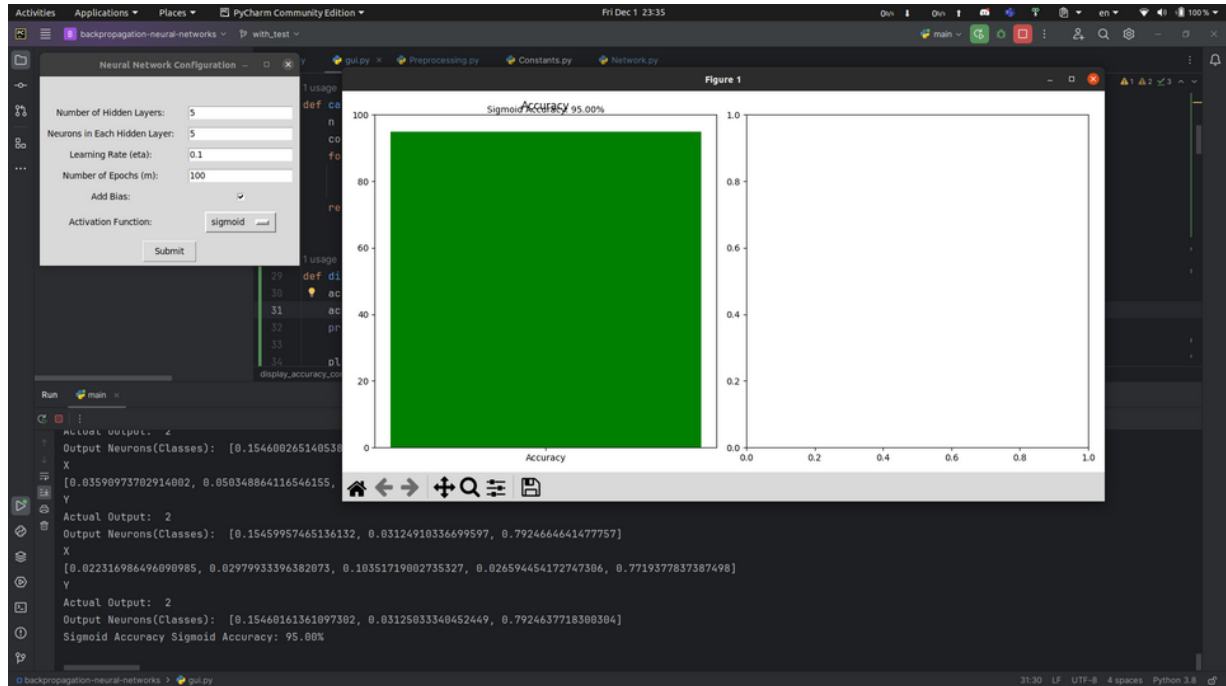


# **Neural Network Task 2 Report**

**Backpropagation**

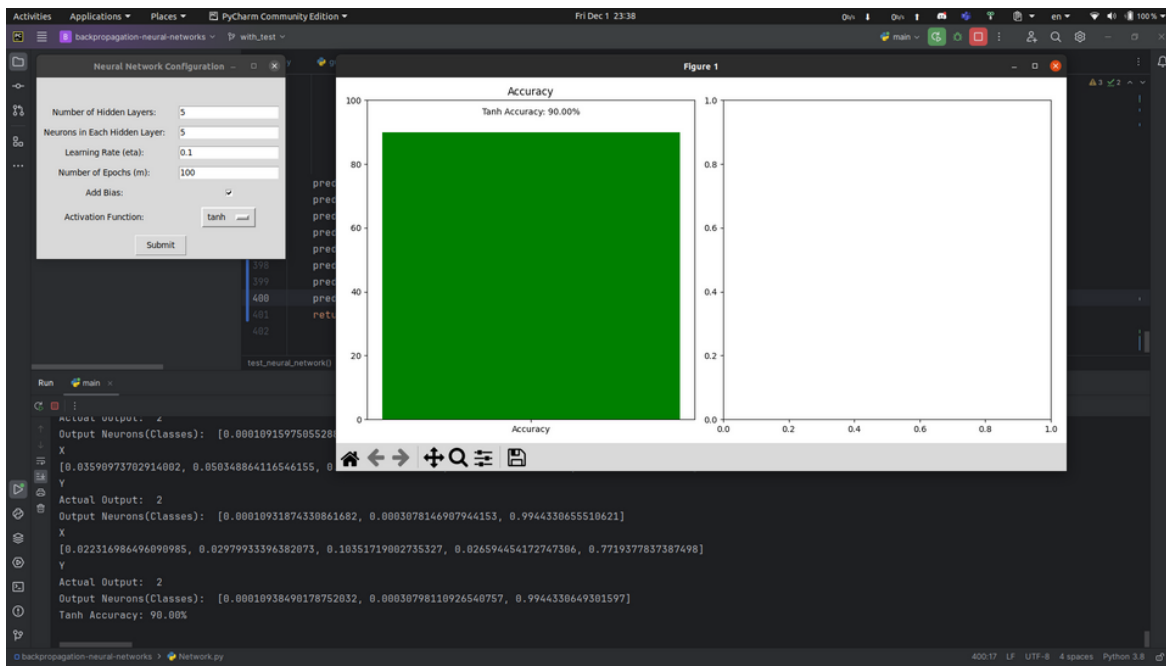
# Results using Sigmoid



## Hyper Parameters

- Hidden Layers = 5
- Neurons Layers = 5
- Learning Rate = 0.1
- Train Accuracy = 100%
- Test Accuracy = 95%
- Epochs = 100
- Biased

# Results using Tanh



## Hyper Parameters

- Hidden Layers = 5
- Neurons Layers = 5
- Learning Rate = 0.1
- Train Accuracy = 100%
- Test Accuracy = 90%
- Epochs = 100
- Biased