# Deep Learning

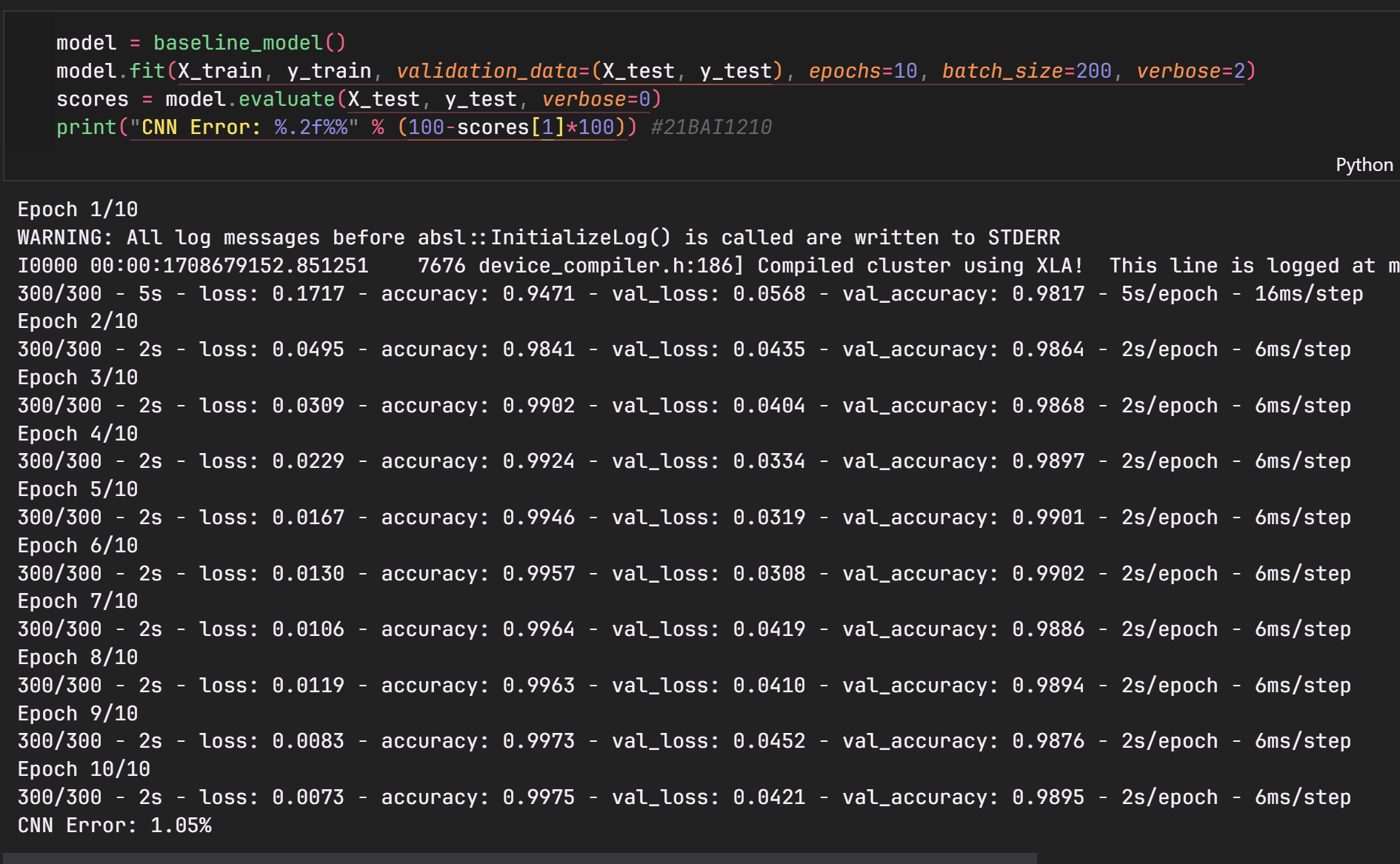
Lab – 4

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Link to all the codes given below: [Github](https://github.com/yadu-tv/deep-learning-lab/tree/main/lab_4)

1. Sample notebook



1. Comparison of sample code
   1. Change in stride and padding

A screen shot of a computer program

Description automatically generated

* 1. Removing maxpooling

A screen shot of a computer

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* 1. Change activation function

A screenshot of a computer program

Description automatically generated

* 1. Adding multiple dense layers

A screen shot of a computer

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* 1. Change optimizer to RMSPROP

A screen shot of a computer

Description automatically generated

1. Visualizing features

A screenshot of a computer

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1. CIFAR10 dataset

A screenshot of a computer

Description automatically generated

1. Full connected NN

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