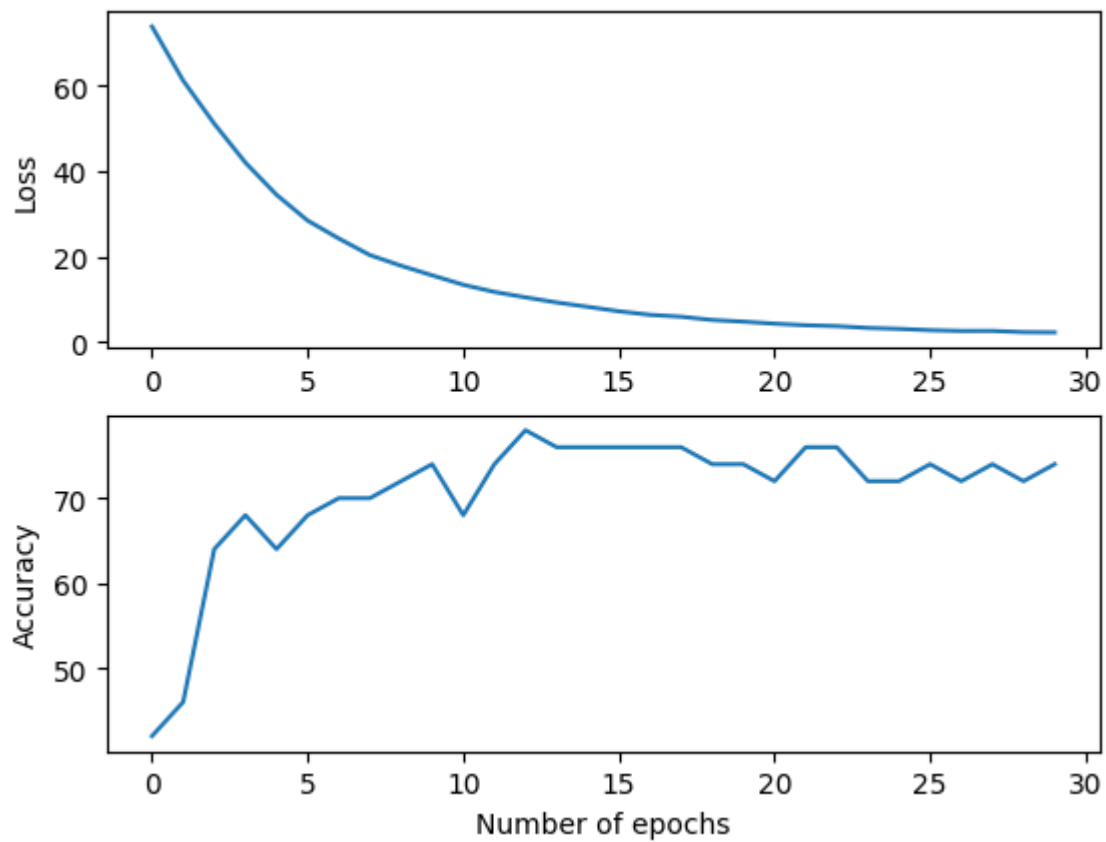


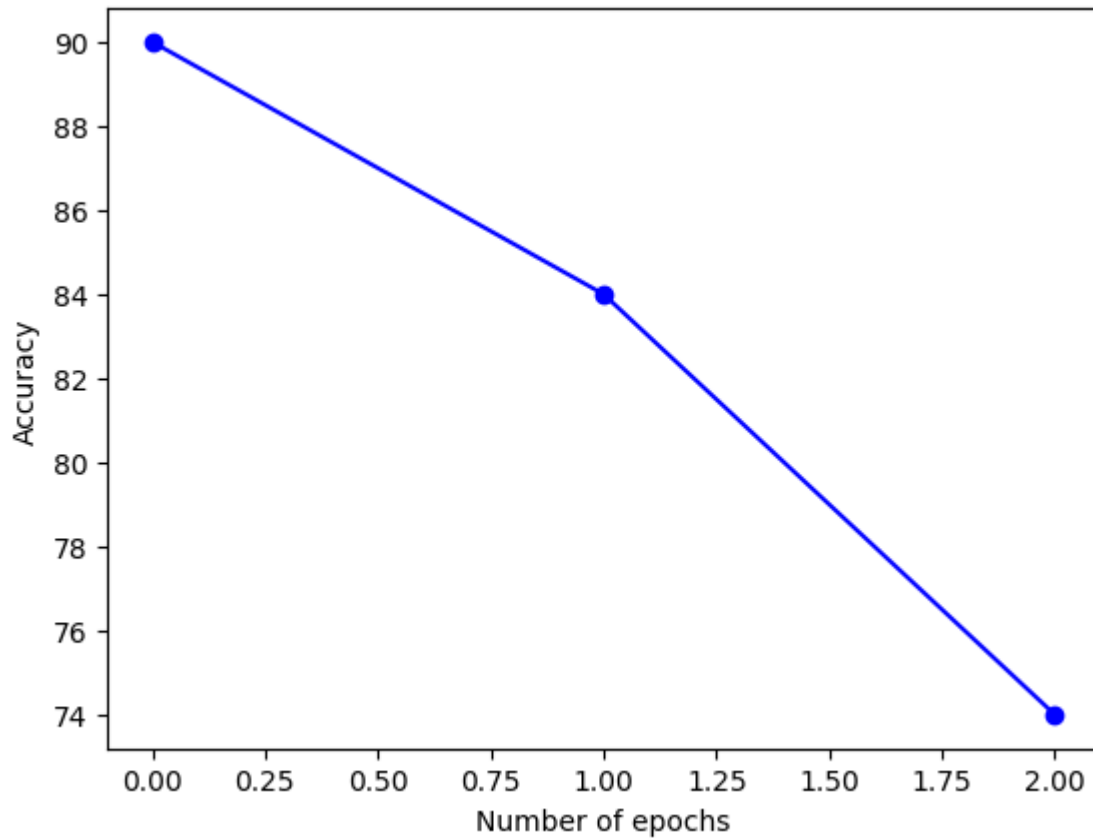
Name : Mahamadi Nikiema

### Question1



The validation accuracy decreases after around 12 epochs, so it is overfitting. To avoid that, we can stop training after 12 epochs

### Question2

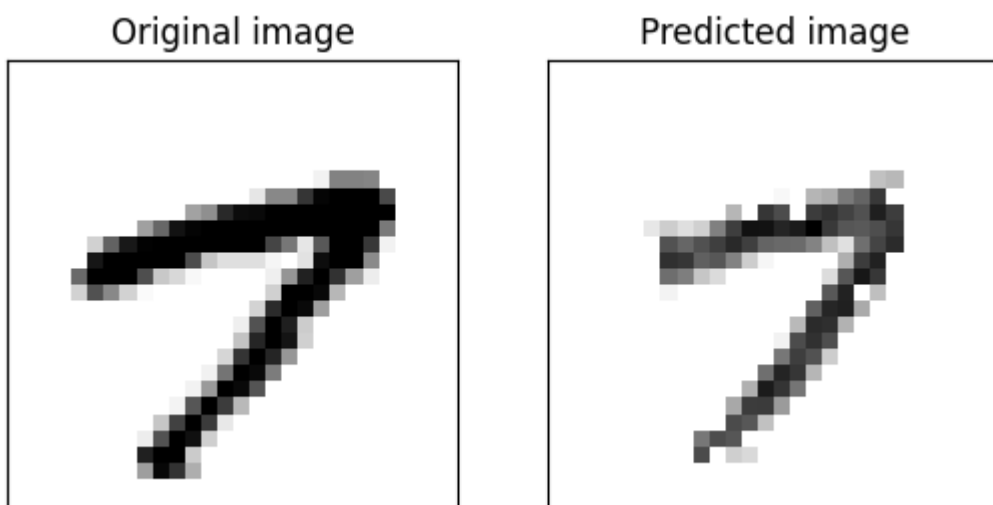


We observe that the validation accuracy is decreasing when the number of layers increases. We get high performance with **0 hidden layers**. So models with hidden 1 or 2 are overfitting.

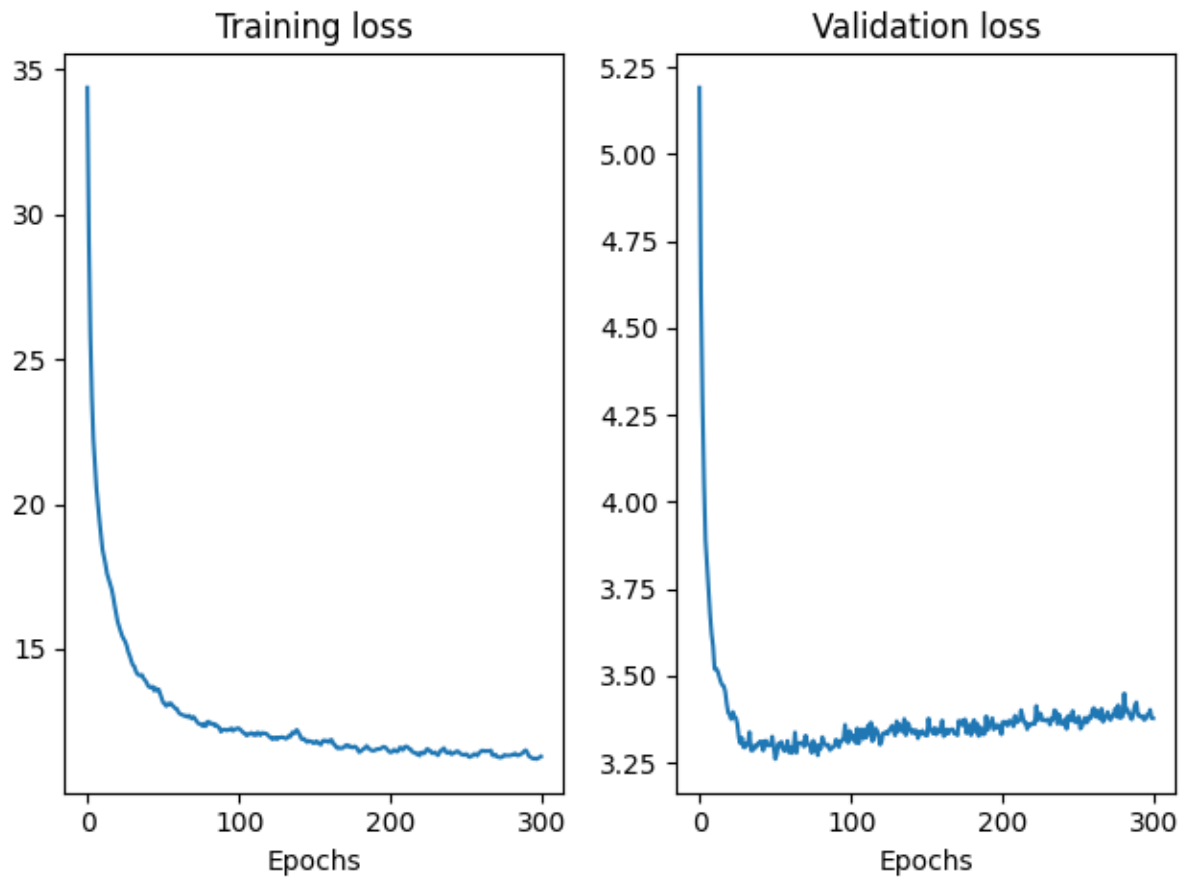
### Question3

Total number of parameters: **222384**

### Question 4



### Question5



The validation loss increases after around 50 epochs. We have overfitting after **50 epochs**. So, we stop training after 50 epochs.