Part 3

Our model includes batch normalization – 100 inputs on each batch .

The size of the hidden layer is 600

Number of epoch – 4 for pos , 8 for ner

Lr = 1e-3

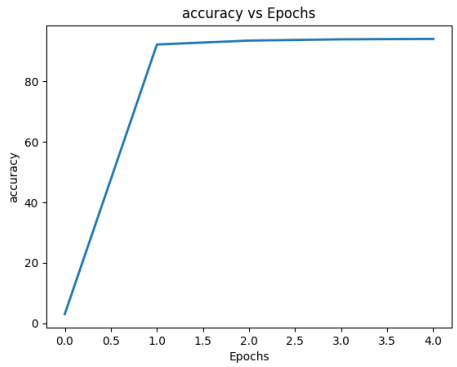
Optimizer : Adam (pytorch)

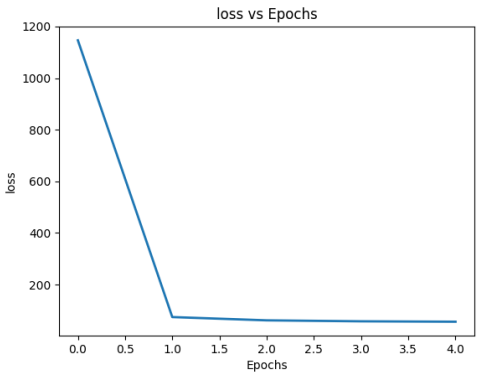
Batch size = 159

To match word to the embedding matrix we use .lower() to convert the word to lower case ,for a word that not appear in the matrix we use the default word UUUNKKK that is in the matrix

Our model results :

pos : accuracy – 94.30





Ner : accuracy – 73.77