

Processing - IMDB Movie Review						
	Description	Hyperparameters	Number of Epochs	Training Loss	Training Accuracy	Test Accuracy
Part 3a	Given Model	ADAM optimizer with LR=0.001, BatchSize=200, VocabularySize=8000, HiddenUnits=500, SequenceLengthOfTrain=100, SequenceLengthOfTest=200	75	3.9577	25.70%	28.6
Part 3b	Generated Review	tokens = [['a'],[T]] Temperature=1.0	a thing in it , who can ask for the black and white magic to do these things ? any still that would make this film terrible , a comedic style of hilarious (if anything) reality to another , and other actors in the film , this cast was their best work to date . my gym school partner has purchased it and watched him tonight , but he does not always have a theater where his scripts find laughs and immense when he is about to make sarcastic and rude jokes from painful to laugh out loud annoying jokes . all at all ? i love it when they flash into the huge screen he martin thinks , it is not . (boring) , it seems to have been a movie of 4 minutes long . the movie is great . i got my kids back			
	Generated Review	tokens = [['a'],[T]] Temperature=0.5	a lot of people who do n't want to be married and are just watching the entire movie and i am so glad they did n't get it . i hope they will get into this movie . the movie is basically about a young man who has a heart attack , a boy who has a crush on his son , and he has a heart attack . he sees the boy 's dreams and the rest of the movie is a bit confusing . i do n't know if the movie was aimed at the audience or not . it 's just a movie like this . the acting was great , the story was great and the acting was very good . i have n't seen this movie since i was a child and i 'm a huge fan of the original and the movie was great . i think this film is a good film . i wish i had n't seen it . it is a must see for anyone who enjoys a good laugh . i recommend this to anyone who likes a good movie and have a good time . i recommend this movie to everyone who enjoys horror and adventure . the film is a very good one , and i would recommend it to anyone who enjoys a good laugh . the story is good , the acting is good , the story is good , and the acting is great . the movie is a little slow , but is not a comedy . it 's a good movie . a good movie for kids and adults who will enjoy it . i enjoyed this movie . it made me laugh . i have seen many movies with great actors and actresses			
	Generated Review	tokens = [['I','love','this','movie','.'],[T,'I','hate','this','movie','.'],[T]] Temperature 1.0	a big fan of the original , i was very disappointed . i was pleasantly surprised . the film is a bit too slow , the pace is slow and the action is n't at all interesting . the action is n't too good , and the special effects are n't bad . the special effects are n't bad , but the story is really bad . i mean , i do n't know why this was made in the early 90 's . it 's a shame that they did n't even try to make a sequel for the original movie . i do n't know what i expected . the only thing that did n't make me laugh was the ending . i did n't care much for the characters , and i was n't expecting much . the acting was n't bad , but the script was just i checked out the video box , i was wrong . the film is n't scary , it 's not even funny . it 's a shame that people have to see this film , because it was so bad that it 's good . the acting is bad , the acting is bad , the directing is horrible , the plot is horrible , the plot is ridiculous . the plot is stupid , the acting is terrible , the plot is ridiculous , and the plot is completely predictable . the acting is terrible , the plot is retarded , the characters are ridiculous , the plot is unbelievable , the acting is poor , the script is bad , and the plot is simply ridiculous . the only reason i give it a 1 is because it was so bad that i actually felt like i was watching			
	Generated Review	tokens = [['I','love','this','movie','.'],[T,'I','hate','this','movie','.'],[T]] Temperature 0.5	i love this movie . it is a very good movie with a great story , great actors , great scenery and great acting . i highly recommend this movie to anyone who likes movies that are very funny . i think this movie is a great movie . i love the cast and the acting . i love the characters , the story and the story . i loved the first time i saw it . i thought it was a great movie . i was very impressed by the script , the cinematography and the direction . i was very surprised to see that i was n't in the theater when i saw it . i hope that the director and director will make this movie a great movie . it 's a very good film that is very good . i love the way the characters are introduced . i really liked i hate this movie . it 's a great film . it 's a movie that you can watch with your friends and friends . it is a great movie for people who do n't like that kind of stuff . i highly recommend this movie to anyone who likes to see the great acting from all the leads . i liked this movie and i love that movie . it is a joy to watch . it has a great time to give it a chance . it has a great story line and it 's worth seeing . it has a great story line and it 's very funny . i have never seen a movie that has a lot of potential , but it is still a fun movie to watch . the movie is also about a couple of friends who are trying to get to the bottom of the house			
Part 3c	Given Model	ADAM optimizer with LR=0.001, BatchSize=200, VocabularySize=8000, HiddenUnits=500, SequenceLengthOfTrain=100, SequenceLengthOfTest=200	30	0.1724	93.04%	90.79%
	Custom 1	SequenceLengthOfTrain=50	30	0.353	83.92%	90.41%
	Custom 2	SequenceLengthOfTrain=100 , weight_decay = 10**-4	30	0.1725	92.96%	90.55%
	Custom 3					

I only changed the training sequence and it showed underfitting.

I changed the sequence and added weight decay in Adam optimizer, but the result was similar to the given model.