CS224N: NATURAL LANGUAGE PROCESSING WITH DEEP LEARNING ASSIGNMENT #2

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1.	(a)	Please see the coding portion of the assignment.
	(b)	Please see the coding portion of the assignment.
	(c)	The purpose of the placeholder variables is to allocate storage for data/labels before building the computation graph. The feed dictionaries allows us to inject data/labels into the placeholders in a computation graph. Please see the coding portion of the assignment for implementation.
	(d)	Please see the coding portion of the assignment.
	(e)	When the model's train_op is called, (1) it creates a gradient descent optimizer; (2) it calls add_loss_op to compute the cross entropy loss based on the data, labels, and current values of the variables W and b; (3) it computes the gradients w.r.t the loss via automatic differentiation; (4) and at the end it updates the values of the variables W and b in the direction of the gradient and in proportion to the learning rate as defined in Config. Please see the coding portion of the assignment for implementation.
2.	(a)	
	(b)	
	(c)	
	(d)	
	(e)	
	(f)	
	(g)	
	(h)	
	(i)	
	(1)	
3.	(a)	
	(b)	
	(c)	
	(d)	
	(e)	

(f)