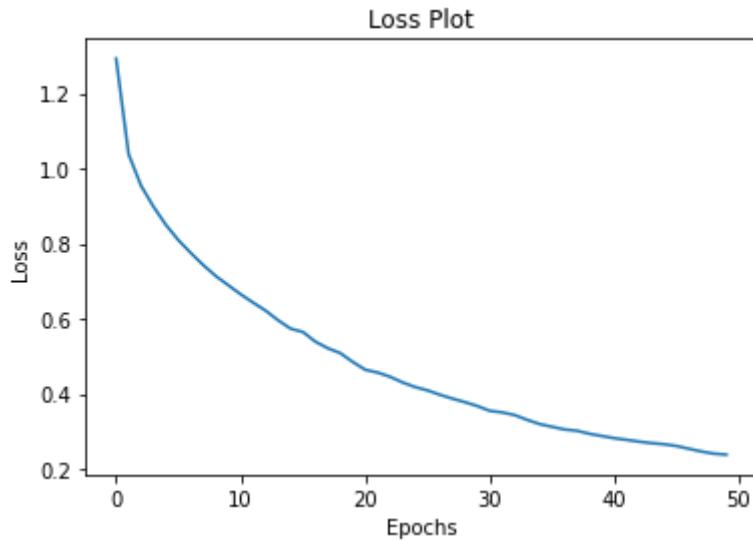


# Image Captioning outputs

## Part1:

We trained the model as given in the paper, following is the loss plot :

Loss Plot for 50 epochs :



Following are the results on **BLEU 1-4 AND METEOR Metric** -

We evaluated the Validation Set and Test Set on **BLEU 1-4 AND METEOR Metric** following are the results:

This table contains individual *n-gram BLEU* scores.

S.No.	BLEU-1	BLEU-2	BLEU-3	BLEU-4	METEOR
<b>1. Validation Set</b>	<b>9.49</b>	<b>87.5</b>	<b>87.6</b>	<b>88.2</b>	<b>24.734</b>
<b>2. Test Set</b>	<b>8.9</b>	<b>87.6</b>	<b>87.9</b>	<b>86.9</b>	<b>24.787</b>

This table contains *cumulative n-gram BLEU* scores with equal weightage.

S.No.	BLEU 1-2	BLEU 1-3	BLEU 1-4
Validation Set	27.79	40.332	49.179
Test Set	27.32	41.04	49.102

**Image 1 :**



Predicted Caption: dog playing in the field <end>



**Image 2:**



Predicted Caption: two people are walking towards a beach <end>



Image 3:



Predicted Caption: a brown dog is on a shallow water <end>



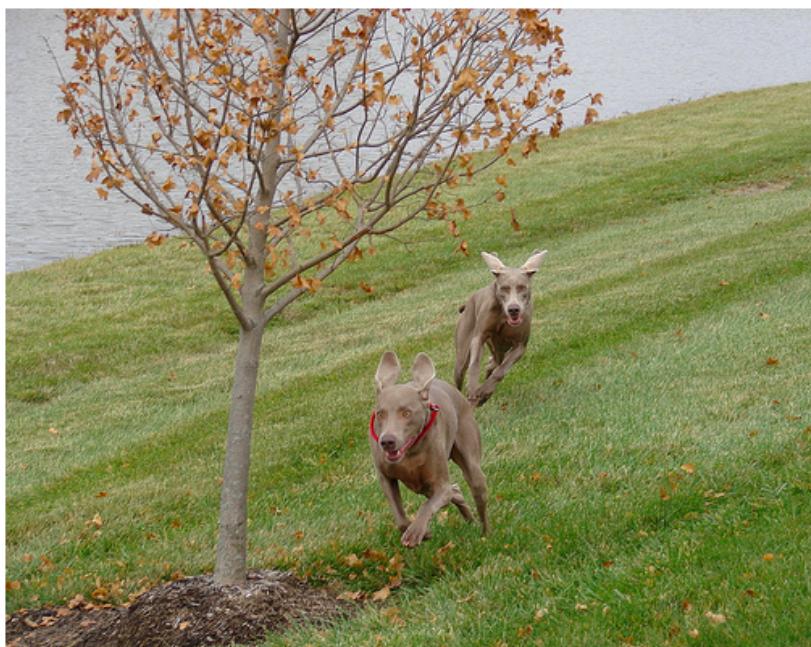
Image 4:



Predicted Caption: a small child walking on the grass <end>



Image 5:



Predicted Caption: a crowd of dogs running around in a park <end>

