EX4

Batch Size = 64 for training

Epochs = 30

Num of samples

1238 total pairs

868 training pairs

185 validation pairs

185 test pairs

Embeded dimension = 1024

Latent dimension = 512

Numbers heads = 6

learning\_rate=1e-4

loss: 0.0888 - accuracy: 0.9839 - val\_loss: 1.3607 - val\_accuracy: 0.3649

Bleu-4

[0.5671276403520978, 0.5450176720923848, 0.5623413251903491, 0.5721248424548514, 0.5450176720923848, 0.5828233954152654, 0.537284965911771, 0.5336172773868456, 0.5410822690539396, 0.5773502691896257, 0.5336172773868456, 0.5577503997480662, 0.5577503997480662, 0.5885661912765424, 0.5623413251903491, 0.5533409598501607, 0.5410822690539396, 0.5623413251903491, 0.5491004867761125, 0.49785107519079985, 0.5671276403520978, 0.5491004867761125, 0.5491004867761125, 0.537284965911771, 0.5450176720923848, 0.5773502691896257, 0.5450176720923848, 0.5577503997480662, 0.5336172773868456, 0.4959623818221652]

Average Bleu-4

0.5508286096899437



