**Problem Statement EVA 4, Session8: CIFAR 10**

**Target:**

Extract the ResNet18 model from this repository and add it to your API/repo. Use your data loader, model loading, train, and test code to train ResNet18 on Cifar10 Target is 85% accuracy. No limit on the number of epochs. Use default ResNet18 code (so params are fixed).

**Results**

Total Parameters = 11,173,962 after 10 Epochs, Final Train Accuracy = 87.90% after 10 Epochs, Final Test Accuracy = 86.17%

**Analysis**

Target accuracy > 85% using Reset18 architecture. Model performance is good as train and test accuracy is small.