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**Roll no. J012, J1 Batch**

**Practical 3: Keras Optimizers**

**Aim :** To understand the various types of optimizers in Keras.

**Observations:**

1. Example model in CIFAR10 dataset with ‘rmsprop’ optimizer accuracy: 0.9826
2. SGD optimizer model accuracy: 0.9552
3. Rmsprop optimizer model accuracy: 0.9802
4. Adagrad optimizer model accuracy: 0.9857
5. Adadelta optimizer model accuracy: 0.9854
6. Adam optimizer model accuracy: 0.9825
7. Adamax optimizer model accuracy: 0.9869
8. Nadam optimizer model accuracy: 0.9811