

OUTPUT FOR EXP-3

NAME: KEEERTHIKA S
ROLL NO: 220701127
EXP_NO: 3

```
Downloading data from https://www.cs.toronto.edu/~kriz/cifar-10-python.tar.gz
170498071/170498071          2s 0us/step
Epoch 1/10
625/625           51s 79ms/step - accuracy: 0.3104 - loss: 1.8651 - val_accuracy: 0.5242 - val_loss: 1.3433
Epoch 2/10
625/625           51s 81ms/step - accuracy: 0.5359 - loss: 1.3072 - val_accuracy: 0.5898 - val_loss: 1.1679
Epoch 3/10
625/625           88s 91ms/step - accuracy: 0.5960 - loss: 1.1372 - val_accuracy: 0.6009 - val_loss: 1.1314
Epoch 4/10
625/625           50s 81ms/step - accuracy: 0.6345 - loss: 1.0355 - val_accuracy: 0.6468 - val_loss: 1.0102
Epoch 5/10
625/625           84s 83ms/step - accuracy: 0.6662 - loss: 0.9524 - val_accuracy: 0.6433 - val_loss: 1.0243
Epoch 6/10
625/625           51s 82ms/step - accuracy: 0.6868 - loss: 0.8809 - val_accuracy: 0.6774 - val_loss: 0.9246
Epoch 7/10
625/625           49s 78ms/step - accuracy: 0.7089 - loss: 0.8233 - val_accuracy: 0.6843 - val_loss: 0.9061
Epoch 8/10
625/625           49s 78ms/step - accuracy: 0.7337 - loss: 0.7592 - val_accuracy: 0.6893 - val_loss: 0.8919
Epoch 9/10
625/625           83s 80ms/step - accuracy: 0.7495 - loss: 0.7176 - val_accuracy: 0.7007 - val_loss: 0.8667
Epoch 10/10
625/625           83s 82ms/step - accuracy: 0.7608 - loss: 0.6766 - val_accuracy: 0.6884 - val_loss: 0.9299
1/1           0s 121ms/step
```

Predicted: cat
Actual: cat

