**In class Programming Assignment - 9**

**GitHub Link:** <https://github.com/Viditha2277/CS-5720/tree/main/Assignment%209>

**Problem 1:** Basics of LSTM, Types of RNN, Sentiment Analysis on the Twitter data set

**Solution:**

1. Saving the model and using the saved model to predict on new text data.

A screenshot of a computer program

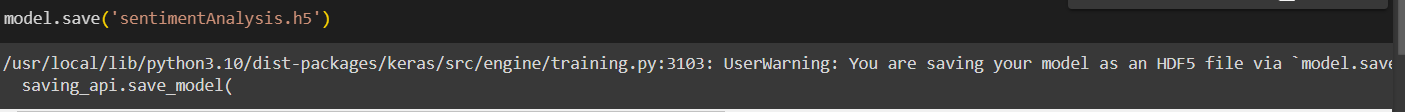
Description automatically generated

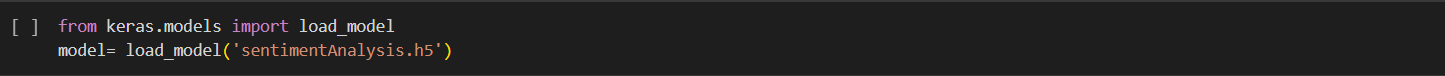
A screen shot of a computer program

Description automatically generated

A screenshot of a computer program

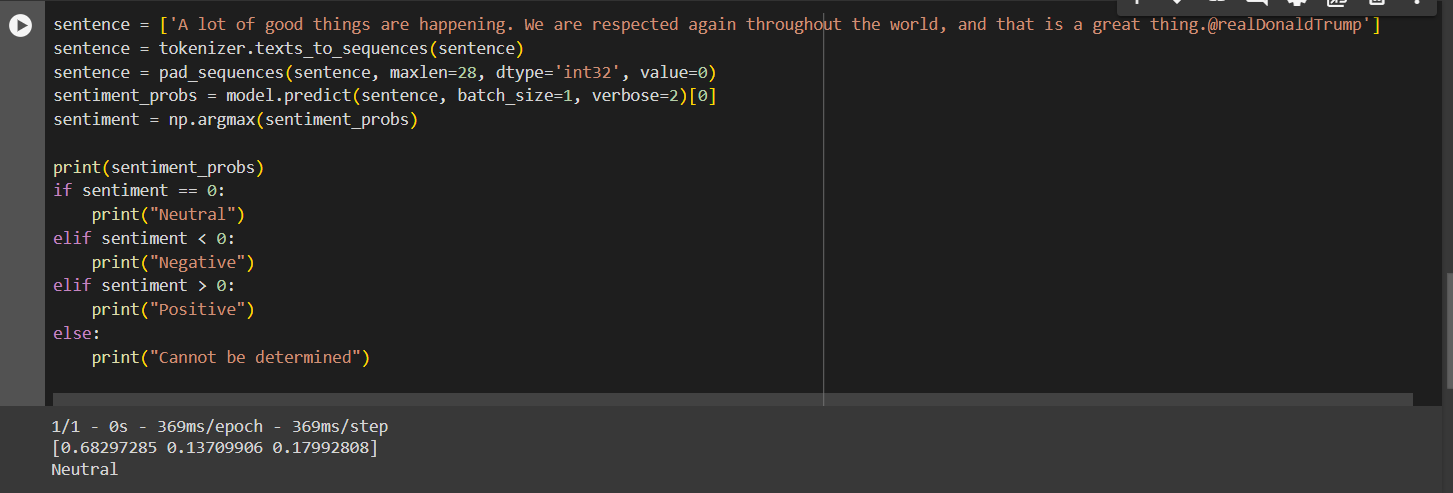
Description automatically generated



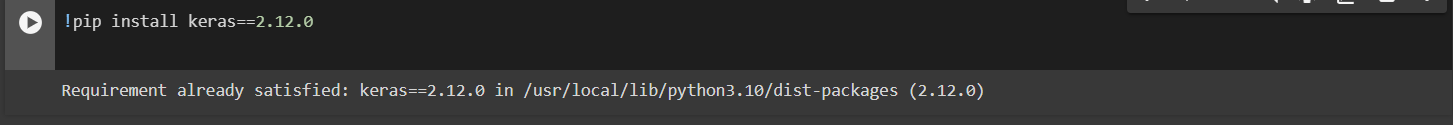


A black and grey rectangular object

Description automatically generated



1. Applying GridSearchCV on the source code provided in the class.



A screen shot of a computer

Description automatically generated

A screen shot of a computer

Description automatically generated