**Assignment -4**

Python Programming

|  |  |
| --- | --- |
| Assignment Date | 28 October 2022 |
| Student Name | M.Roopan Raj |
| Student Roll Number | 953719106035 |
| Maximum Marks | 2 Marks |

**Question-1:**

Download the dataset

**Output:**

Download the dataset from

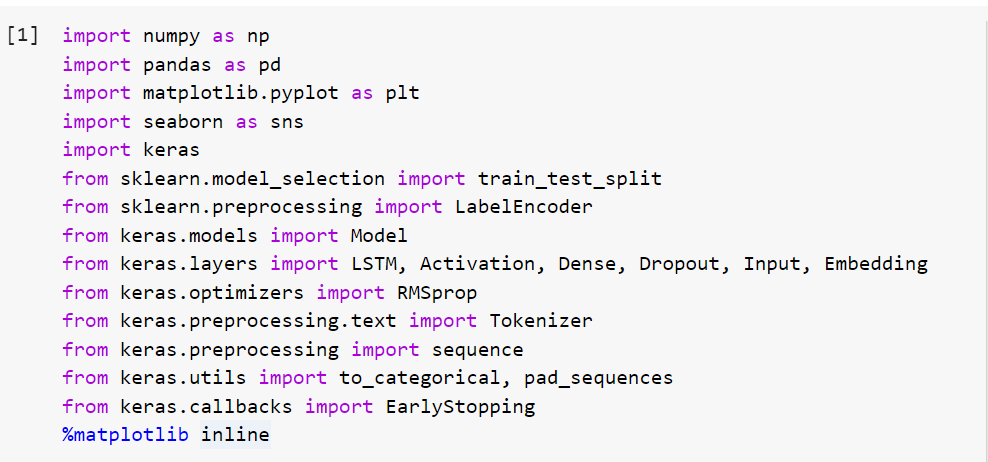
<https://www.kaggle.com/code/kredy10/simple-lstm-for-text-classification/data>



**Question-2:**

Import required library

**Output:**

****

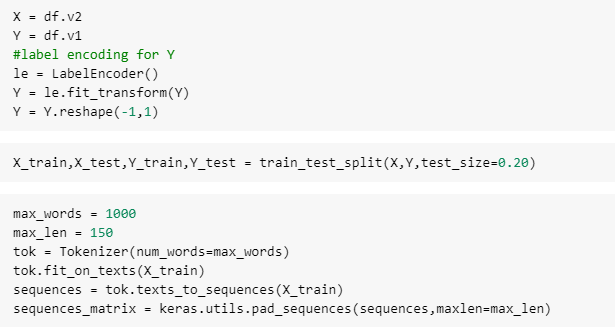
**Question 3:**

Read dataset and do pre-processing

**Output:**

****

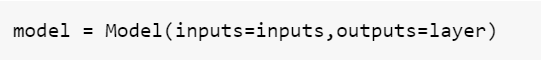
****

****

**Question 4:**

Create Model

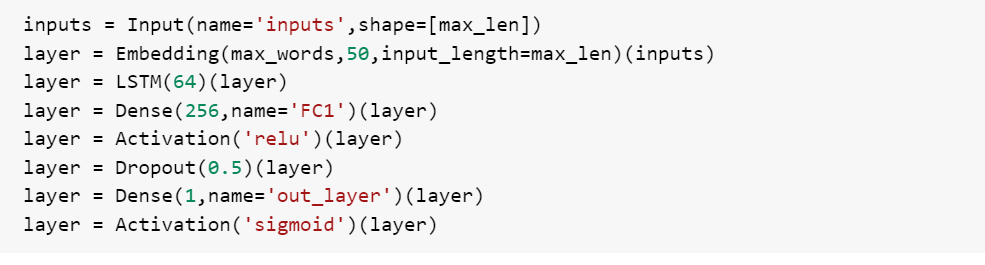
**Output:**

****

**Question 5:**

Add Layers (LSTM, Dense-(Hidden Layers), Output)

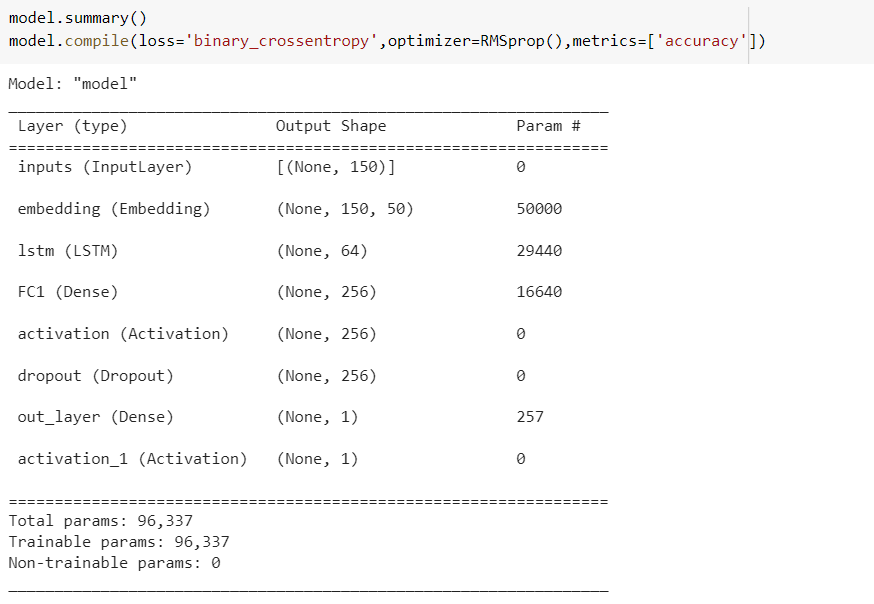
**Output:**

****

**Question 6:**

Compile the Model

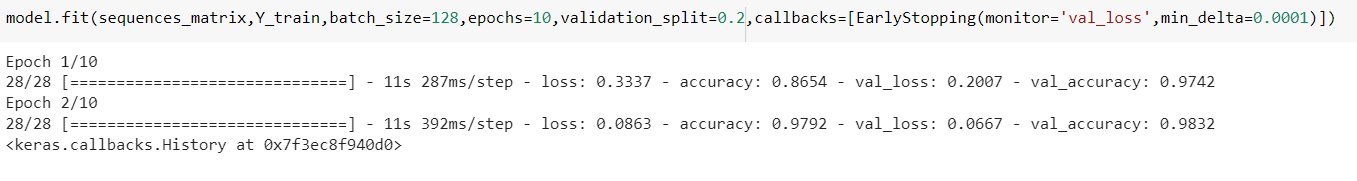
**Output:**

****

**Question 7:**

Fit the Model

**Output:**

****

**Question 8:**

Save The Model

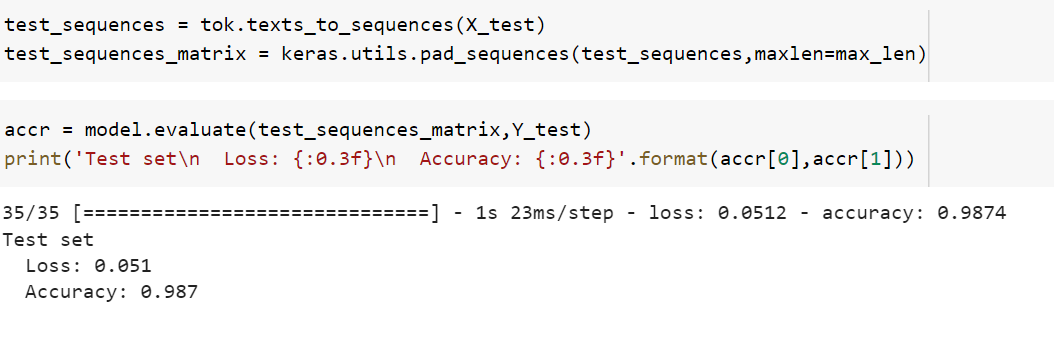
**Output:**

****

**Question 9:**

Test The Model

**Output:**

****