**Assignment -4**

Python Programming

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| Assignment Date | 28 October 2022 |
| Student Name | J.K.Hari Prashath |
| Student Roll Number | 953719106017 |
| Maximum Marks | 2 Marks |

**Question-1:**

Download the dataset

**Output:**

Download the dataset from

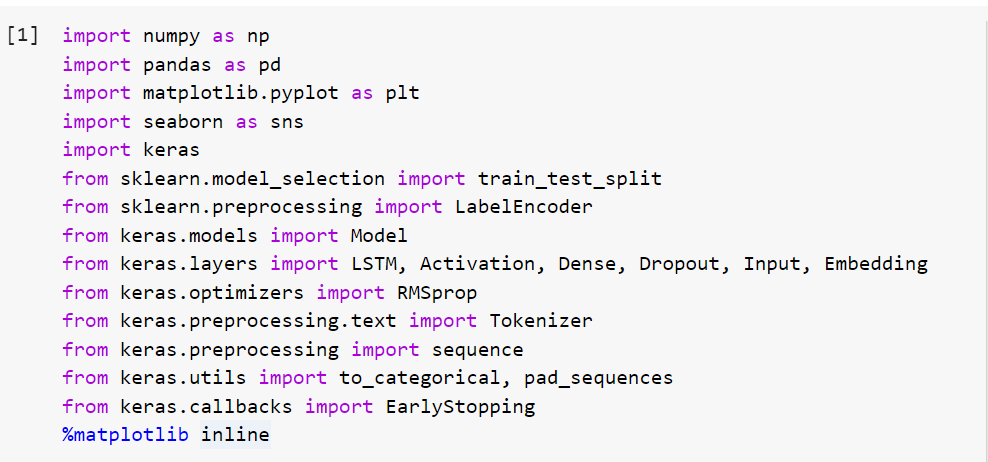
<https://www.kaggle.com/code/kredy10/simple-lstm-for-text-classification/data>



**Question-2:**

Import required library

**Output:**

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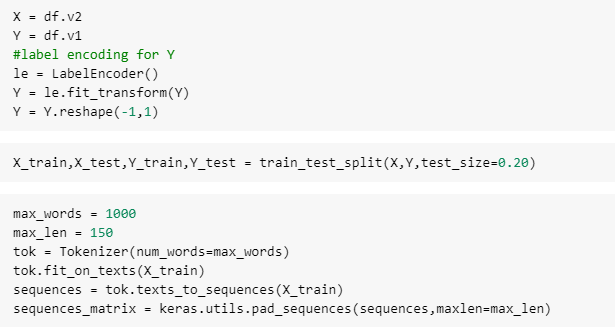
**Question 3:**

Read dataset and do pre-processing

**Output:**

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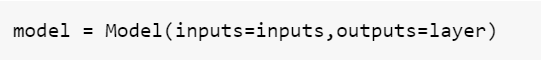
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**Question 4:**

Create Model

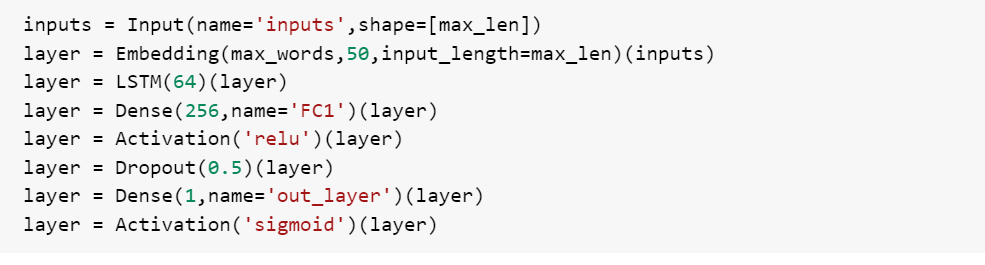
**Output:**

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**Question 5:**

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

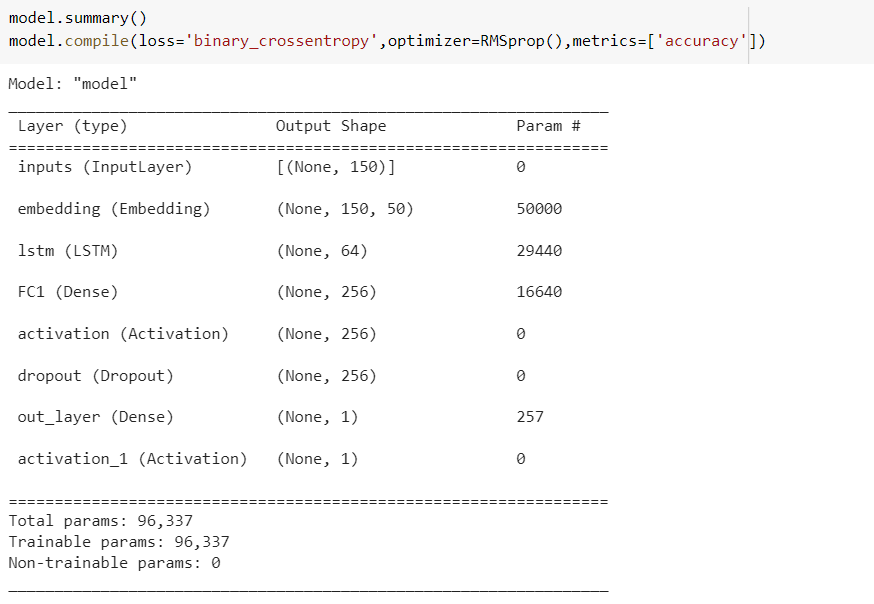
**Output:**

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**Question 6:**

Compile the Model

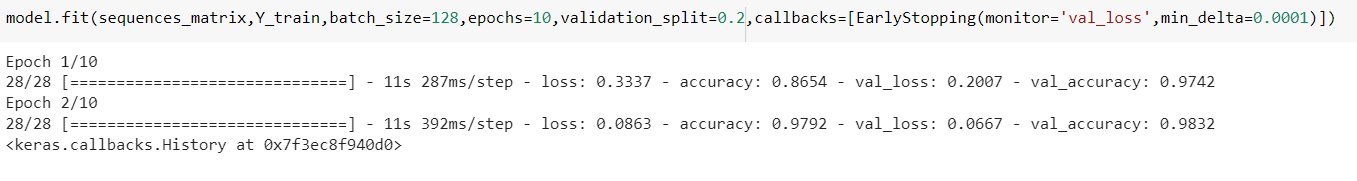
**Output:**

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**Question 7:**

Fit the Model

**Output:**

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**Question 8:**

Save The Model

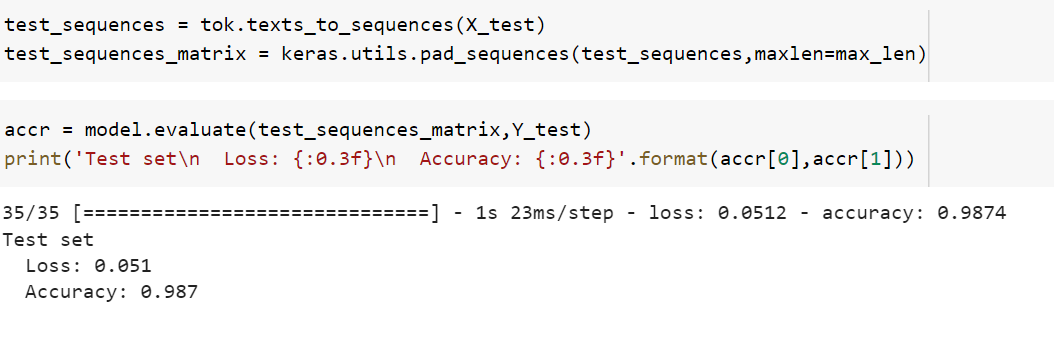
**Output:**

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**Question 9:**

Test The Model

**Output:**

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