Assignment 16.

```
! pip install praw
! pip install Pydrive
```

▷
```
import Praw
from pydrive.drive import Googledrive
from datetime import datetime
```

API Access for Reddit
www.reddit.com) prefs/apps

```
reddit_client_id = 'tDUB_hbsf "
reddit_client_secey =
reddit_user_agent =
```

Create and initialize The API

```
reddit = praw.Reddit
```

Module - Topic > Time Stamp > Extract

import : data frame, Numeric, plot, Label, LSTM, nltk.

▷
```
import pandas as pd
import numpy as np
import matplotlib.pylot as plt
from sklearn.preprocessing import LabelencodeY
from Keras import sequential
```

```
import nltk
from nltk.stem.Snowball import SnowballStemmer
import regex as re
from nltk.tokenize import sent_tokenize
from sklearn.metrics import accuracy_score, Confusion
                                 matrix, classification report
```

import warnings

```
▷ warnings.filterwarnings('ignore')
  from nltk.corpus import stopwords
```

```
▷ nltk.download('stopwords')
  nltk.download('punkt')
  nltk.download('wordnet')
  Stop_words = Stopwords.words('english')
```

Connect to Container (Google drive) and load the data

```
▷ from google.colab import drive
  drive.mount("*/content/drive", force_remount=True))
  file_path = (*/content/drive + "/Mydrive/" +
                     "JNTU sessions/"
```

```
▷ df_fake = pd.read_csv(file_path 'Fake.csv')
  df_True = pd.read_csv(file_path, 'True.csv')
```

```
  df_fake.head()
  df_True.head()
```

Create Manual labels.

```
▷ df_fake['status'] = 1
  df_True['status'] = 0
  df = pd.concat[(df_True.df_fake)]
  df.drop(('subject', 'text', 'date'], axis=1
                            inplace=True)).
```