Student I. D	189328H
GitHub URL	https://github.com/ieshaka/Irony-Detection
Features used	Word embeddings of length 100
Algorithm	A training dataset of 3053 was built by combining 1st 1519 irony tweets and 1st 1534 non-irony tweets. The rest of the tweets were chosen as the validation set. The words in the tweets are lemmatized using the WordNet lemmatizer. Then the URLs, mentions and emojis are removed as they show little value to recognize irony. Then the most common words are observed. They turn out to be the stop words. Since stop words are also not required to determine the irony, they were also removed. Then the training data are tokenized and encoded to a maximum length of 125 with padding. Then a deep neural network is trained with the training data. 1st layer is an embedding layer which outputs embeddings of length 100. Then a convolutional layer with filter size 32 is added followed by a Maxpooling layer of size 2. Then there is a one flatten layer followed by 2 dense layers, the final dense layer is the output layer. Then the predictions on the test set are made.