## Assignment AIR-3

Title: Syntax analysis

Problem Statement

Implement reputar analysis for the assertial English statements.

The stayes to be executed are

- 1) Sentence seg rentation
- 2) ward takenization
- 3) Part of speech / numpho syntactic tagging
- 4) Syntachic poursing ( use parses like Stanford)

Depotive

Understand sentence segmentation and tokenization concepts
Implement syntax analysis on the feet

Outanes

To be able invierent different fect analysis and parger fechniques

Theory related concepts Sentence segmentation

- 1. Breeking text apart into separate sentences word tokenization
- 2. Breaking the sentences into words i.e. foken tokenization
- 3. These words are then captured for further analysis
- 4. Suntence ore reported or space
- 5. Aunotration ments are treated as separated tokens since punctuations also name reasing.

Post as speech langing

In corpus linguistics, a part of speech teagoing is also called a narratical tegging. They are now cakegony disambiguation.

The process of marking up a word in a text (nontru) as corresponding to a particular part of ejecch based on both its definition and its context, its relation with adjustent and related words in a phrase sentence or participant.

Sentence poursing

Parsing, symbols analysis is the moves of analysis a string of symbols either in natural language, compacter language or dark granules confining rates of a formal granules

Stanford farter

A statistical poursur is a program that works and the governational structure of surfaces, for instance which and up together and which words are the subject or effect of a rest. Are labilities poursers are knowledge of language.

Test Cases

A lion was once stocking in the jurgle, when a mouse stouted

TG - A	- betrofe	NBD
190 - NN	raining -	ME
non - NBD	· 4v	RB
once - PB	and -	22
Sleeping - VBA	- nuab	12
W = W	vis -	PRP
the - DT	body -	NN
jungle - MM	- twi	PA
when - make	for -	111
a - DT	From -	M
Lights - HN		

NN - Noun Aig stigular

DI - Determiner

DN - Menod

IN - Prepatition

CC - Coordinating varjunation

PRN - Personal provision

Thus we have successfully understand and implemented the syntax applyses