

Ex:4

Batch -1

Dated: 31/08/2017

Use LEX and YACC to generate the parse tree for the given string using the following production rules. The tree can be produced as a sequence of production rules or a tree with nodes and links.

$S \rightarrow N.R$

$N \rightarrow ND \mid D$

$R \rightarrow DR \mid D$

$D \rightarrow 0 \mid 1 \mid 2 \mid 3 \mid 4 \mid 5 \mid 6 \mid 7 \mid 8 \mid 9$