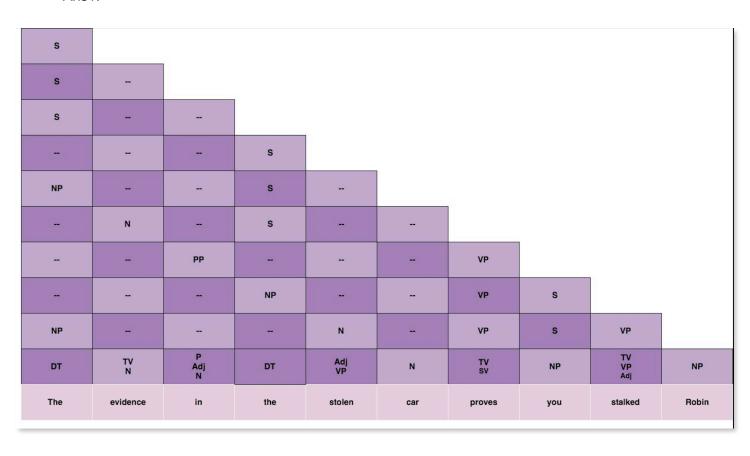
## Computational Linguistics Homework 4

## Shefali Sharma 50247677

Ans1.



The Grammar after into CNF is given below:

$NP \rightarrow DT N$
$N \rightarrow N PP$
N → Adj N
$PP \rightarrow P NP$
$S \rightarrow NP VP$
$VP \rightarrow TV NP$
$VP \rightarrow DVP NP$
DVP → DTV NP
$VP \rightarrow VP PP$
VP → SV S

SV → proves
TV → proves
NP → you
VP → stalked
TV → stalked
ADJ → stalked
NP → Robin