

CKY Exercise- Parse this sentence: **fruit flies like a banana**

Grammar:

- $S \rightarrow NP VP$
- $NP \rightarrow Adj Noun$
- $NP \rightarrow Det Noun$
- $VP \rightarrow Verb NP$
- $VP \rightarrow Verb PP$
- $PP \rightarrow Prep NP$
- $Adj \rightarrow fruit$
- $Noun \rightarrow fruit$
- $NP \rightarrow fruit$
- $Noun \rightarrow flies$
- $Verb \rightarrow flies$
- $Verb \rightarrow like$
- $Prep \rightarrow like$
- $Det \rightarrow a$
- $Noun \rightarrow banana$