In [1]:

```python
"""
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"""
from stanfordcorenlp import StanfordCoreNLP
#download cstanford corenlp from the website
#download the addtional model file for chinese
#pip install stanfordcorenlp

sentence = '清华大学位于北京。'

with StanfordCoreNLP(r'G:/VIT/7th Semester/NLP/stanford-corenlp-full-2018-02-27', lang=
'zh') as nlp:
    print(nlp.word_tokenize(sentence))
    print(nlp.pos_tag(sentence))
    print(nlp.ner(sentence))
    print(nlp.parse(sentence))
    print(nlp.dependency_parse(sentence))
```

```
['清华', '大学', '位于', '北京', '。']
[('清华', 'NR'), ('大学', 'NN'), ('位于', 'VV'), ('北京', 'NR'), ('。', 'P
U')]
[('清华', 'ORGANIZATION'), ('大学', 'ORGANIZATION'), ('位于', 'O'), ('北京',
'STATE_OR_PROVINCE'), ('。', 'O')]
(ROOT
  (IP
    (NP (NR 清华) (NN 大学))
    (VP (VV 位于)
      (NP (NR 北京)))
    (PU 。)))
[('ROOT', 0, 3), ('compound:nn', 2, 1), ('nsubj', 3, 2), ('dobj', 3, 4),
('punct', 3, 5)]
```

In [ ]: