

1. Given the dataset and query results as follows, please write the corresponding SPARQL Query.

Dataset:

```
dbpedia:Mount_Etna rdf:type umbel-sc:Volcano ;  
                    rdfs:label "Etna" ;  
                    p:location dbpedia:Italy .  
dbpedia:Mount_Xiqiao rdf:type umbel-sc:Volcano ;  
                    rdfs:label "Mount_Xiqiao" ;  
                    p:location dbpedia:China .  
dbpedia:Beerenberg rdf:type umbel-sc:Volcano .  
                    rdfs:label "Beerenberg"@en ;  
                    p:location dbpedia:Norway .
```

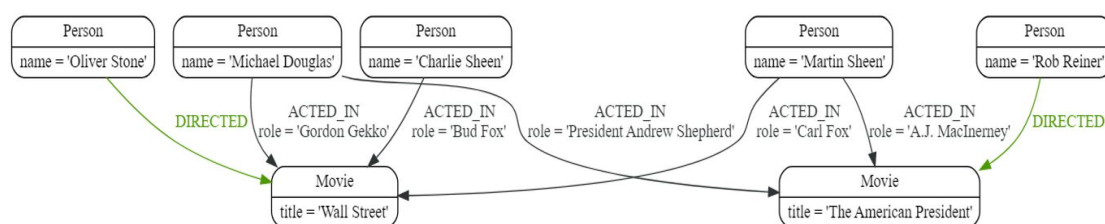
SPARQL Results:

```
dbpedia:Mount_Etna rdfs:label "Etna" ;  
                    rdf:type myTypes:VolcanosOutsideChina .  
dbpedia:Beerenberg rdfs:label "Beerenberg"@en ;  
                    rdf:type myTypes:VolcanosOutsideChina .
```

```
CONSTRUCT{  
    ?volcano rdfs:label ?name;  
    rdf:type myTypes:VolcanosOutsideChina .  
}WHERE{  
    ?volcano rdf:type umbel-sc:Volcano ;  
    rdfs:label ?name.  
    OPTIONAL{  
        ?volcano p:location ?location.  
        FILTER(?location == p:location dbpedia:China)  
    }  
    FILTER(!BOUND(?location))  
}
```

2. Given the dataset and natural language query as follows, please write the corresponding Cypher Query.

Dataset:



Natural language query:

Return the movie name containing the role “Bud Fox”.

```
MATCH (movie:Movie) <-[r:ACTED_IN {role:'Bud Fox'}]-(person:Person)
RETURN movie.title
```