



Please determine whether the entities in the input triples are consistent in **entity type** with a set of known triples in the knowledge graph provided.

A set of known triples are:

('Businessman' is the profession of 'Donald Trump')

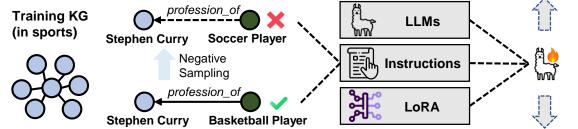
('Prosecutor' is the profession of 'Kamala Harris')

('Educator' is the profession of 'Jill Biden')

The triple to be determined is:

('Lawyer' is the profession of 'Joe Biden')

Please return 'Y' if the input triple is consistent in **entity type**, otherwise return 'N'. Do not say anything else except your determination.



Subgraph Reasoning (SR)

Please determine whether the relation in the input can be reliably inferred between the head and tail entities, based on a set of **neighbor triples and relation paths** from the knowledge graph.

A set of **neighbor triples** from the knowledge graph are:

('Joe Biden' is graduated from 'Syracuse University College of Law')

('Juris Doctor' is the degree of 'Joe Biden')

('Lawyer' is the profession of 'Beau Biden')

('Lawyer' is the profession of 'Hunter Biden')

A set of **relation paths** from the knowledge graph are:

('Joe Biden' is graduated from 'Syracuse University') -> ('Law degree' is offered by 'Syracuse University')

-> ('Law degree' is required by 'Lawyer')

('Beau Biden' is the son of 'Joe Biden') -> ('Lawyer' is the profession of 'Beau Biden')

('Barack Obama' is the workmate of 'Joe Biden') -> ('Lawyer' is the profession of 'Barack Obama')

('Joe Biden' has worked in 'U. S. Senate') -> ('Kamala Harris' is working in 'U. S. Senate') -> ('Lawyer' is the profession of 'Kamala Harris')

The relation to be inferred is:

('Lawyer' is the profession of 'Joe Biden')

Please return 'Y' if there is sufficient evidence from the knowledge graph to infer the relation, otherwise return 'N'. Do not say anything else except your determination.