class SemanticNetwork:

def \_\_init\_\_(self):

self.network = {}

def add\_relationship(self, node1, relation, node2):

if node1 not in self.network:

self.network[node1] = []

self.network[node1].append((relation, node2))

def query(self, node):

return self.network.get(node, "Node not found")

# Example usage

sn = SemanticNetwork()

sn.add\_relationship("AI", "Includes", "Machine Learning")

sn.add\_relationship("Machine Learning", "Includes", "Deep Learning")

print(sn.query("AI"))

print(sn.query("Machine Learning"))

print(sn.query("Data Science"))