QUESTION FIVE: Graphs
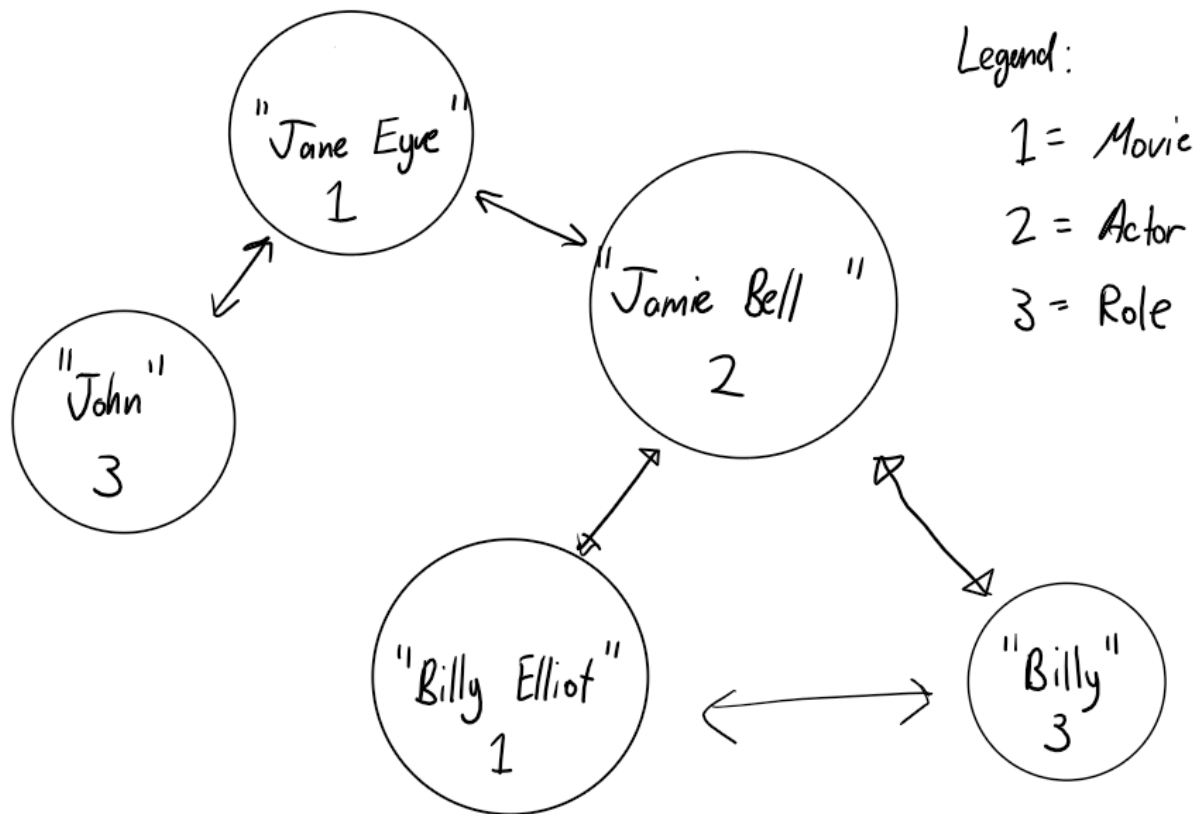
a)

Description

All names will be stores as the key with an integer value to identify its data type. Integers 1, 2, and 3 represent movie, actor, and role. All existing edges will have a weight of 1 with all non existing edges having a weight of 0. This allows the program to identify all adjacent nodes and the data type it stores as well as the string it holds.