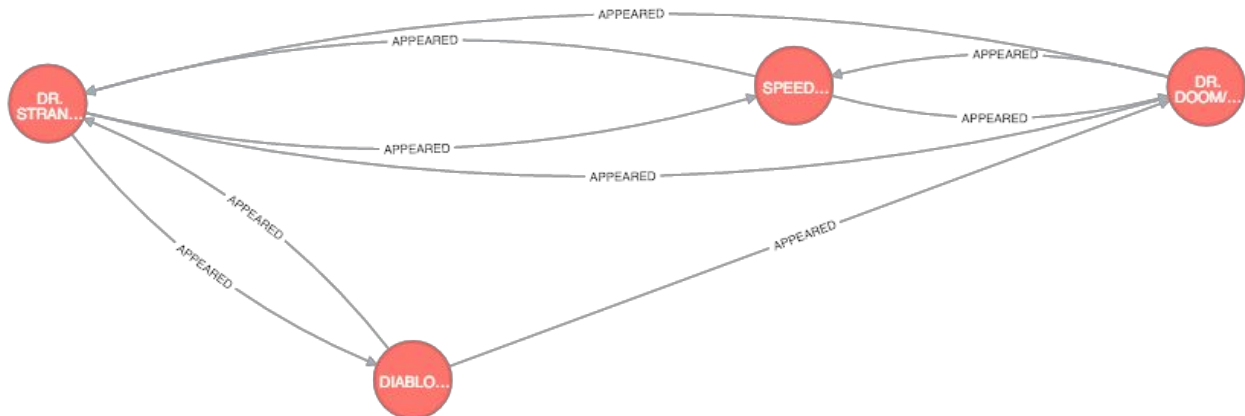


1. What is the shortest path between DR. STRANGE and DR. DOOM?



shortest path is 1

2. List the 5 shortest paths between DR. STRANGE and DR. DOOM



p	length(p)
[{"degree":777,"name":"DR. STRANGE/STEPHEN"}, {"w":8}, {"degree":441,"name":"DR. DOOM/VICTOR VON"}]	1
[{"degree":777,"name":"DR. STRANGE/STEPHEN"}, {"w":12}, {"degree":441,"name":"DR. DOOM/VICTOR VON"}]	1
[{"degree":777,"name":"DR. STRANGE/STEPHEN"}, {"w":1}, {"degree":110,"name":"SPEEDBALL DOPPELGANG"}, {"w":1}, {"degree":441,"name":"DR. DOOM/VICTOR VON"}]	2
[{"degree":777,"name":"DR. STRANGE/STEPHEN"}, {"w":1}, {"degree":110,"name":"SPEEDBALL DOPPELGANG"}, {"w":2}, {"degree":441,"name":"DR. DOOM/VICTOR VON"}]	2
[{"degree":777,"name":"DR. STRANGE/STEPHEN"}, {"w":1}, {"degree":130,"name":"DIABLO/ESTEBAN DE AB"}, {"w":1}, {"degree":441,"name":"DR. DOOM/VICTOR VON"}]	2

3. List 5 Friends of Friends with the most connections and COLOSSUS II.

friend_of_friend.name COUNT(*)

WONG 453

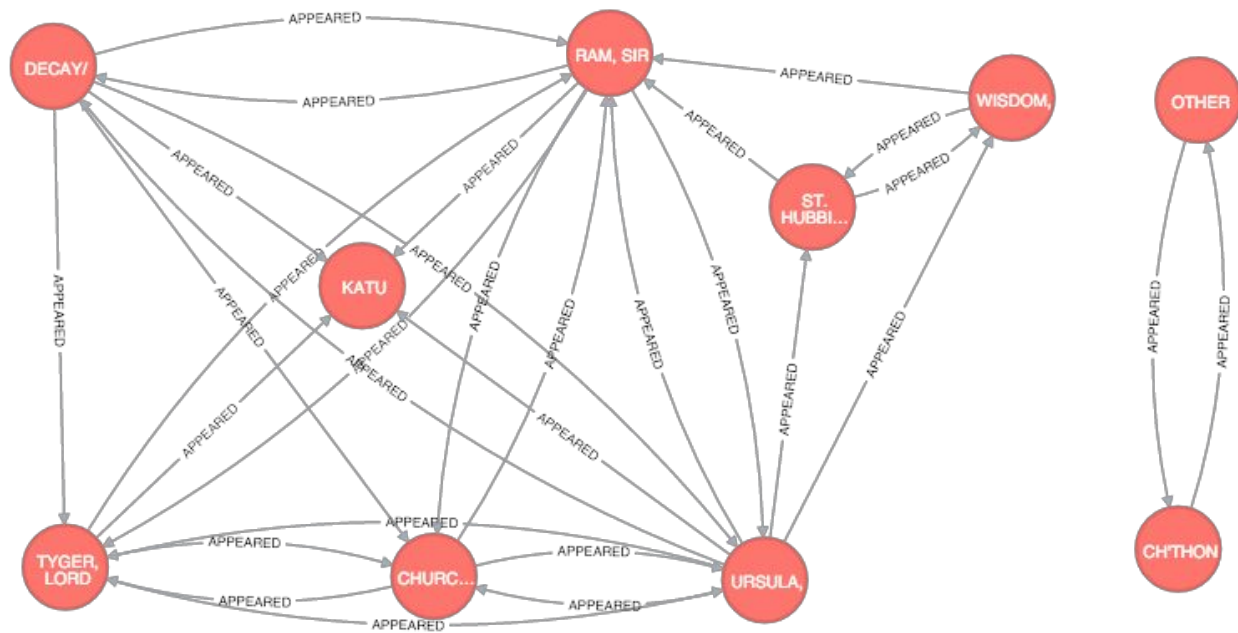
MOONSTONE 370
II/KARLA S

CARTER, PEGGY 367

POWER MAN/ERIK 350
JOSTE

KINGPIN/WILSON 342
FISK

4. Visualize 10 Friends of friends for IRON MAN



5. Discover how the Avengers grew over time from 5 to 10. Find team members starting with 5 and incrementing to 10. Who was added to the team? Is the resulting graph ever **not** fully connected? It's always fully connected

In order of appearance:

other

{"degree":1426,"name":"CAPTAIN AMERICA"}

{"degree":1004,"name":"SCARLET WITCH/WANDA"}

{"degree":919,"name":"VISION"}

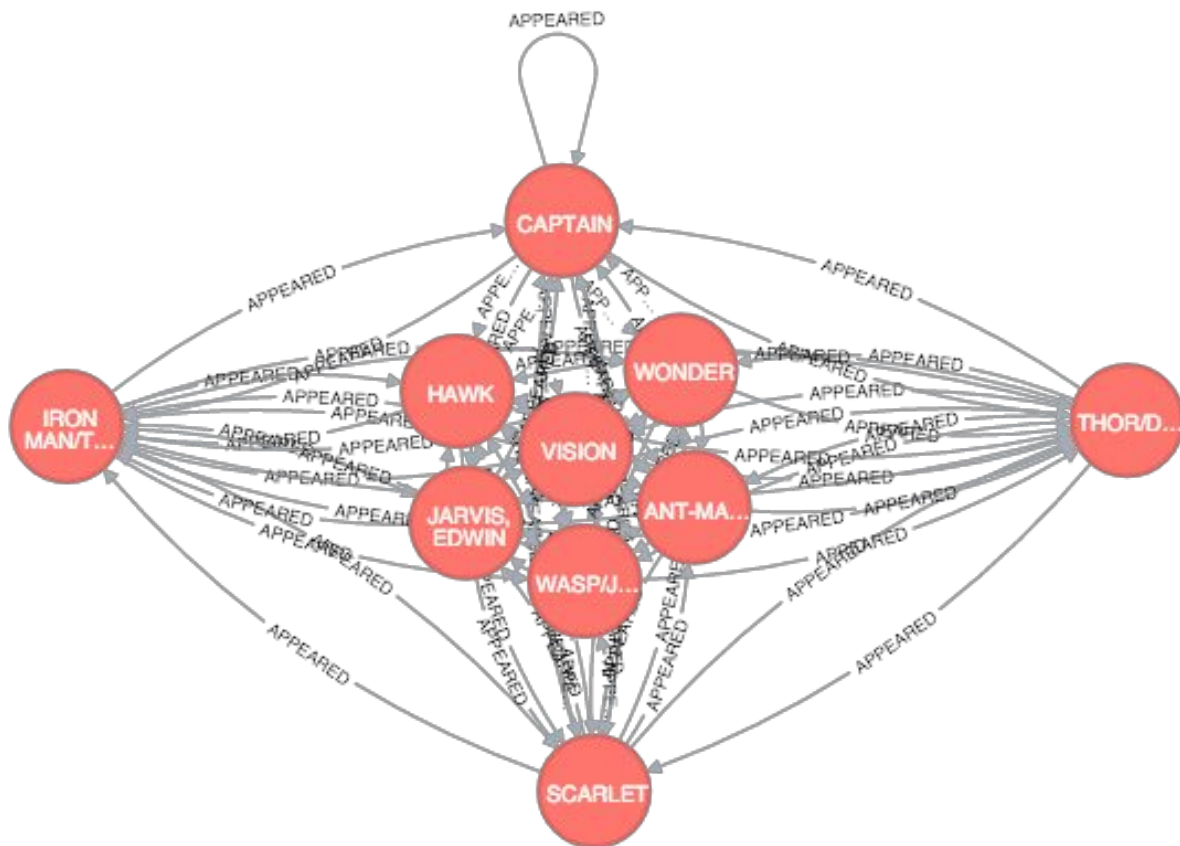
{"degree":778,"name":"WASP/JANET VAN DYNE"}

{"degree":775,"name":"ANT-MAN/DR. HENRY J."}

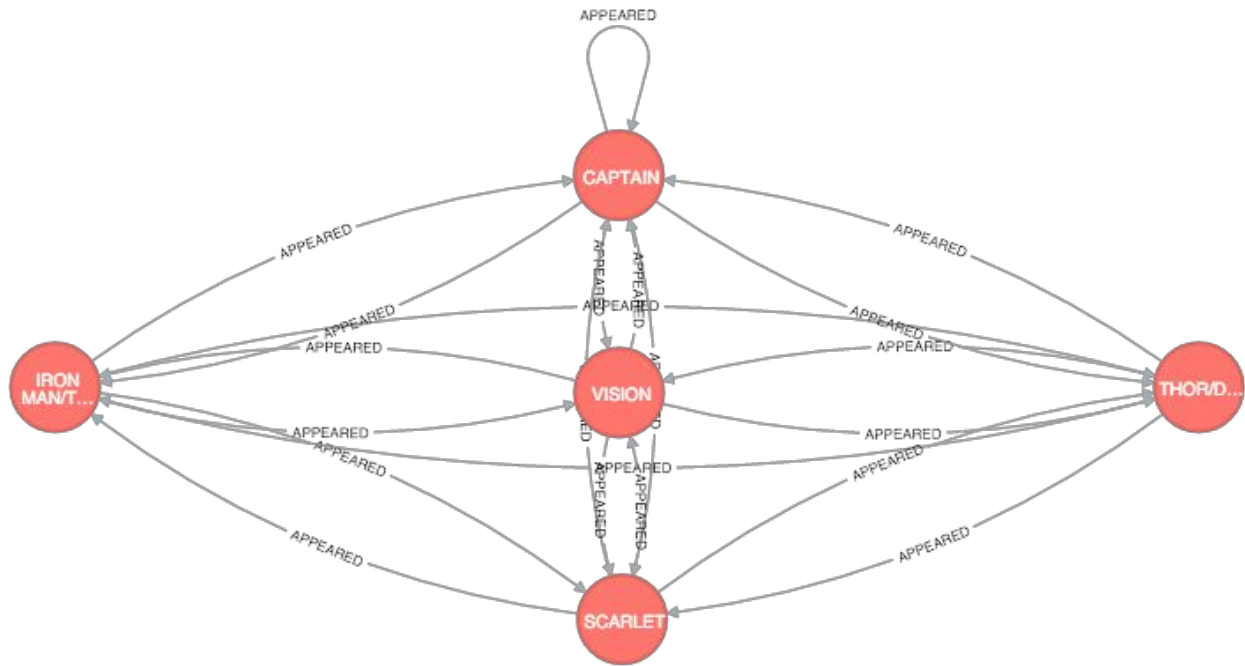
{"degree":729,"name":"WONDER MAN/SIMON WIL"}

{"degree":880,"name":"HAWK"}

{"degree":707,"name":"JARVIS, EDWIN"}



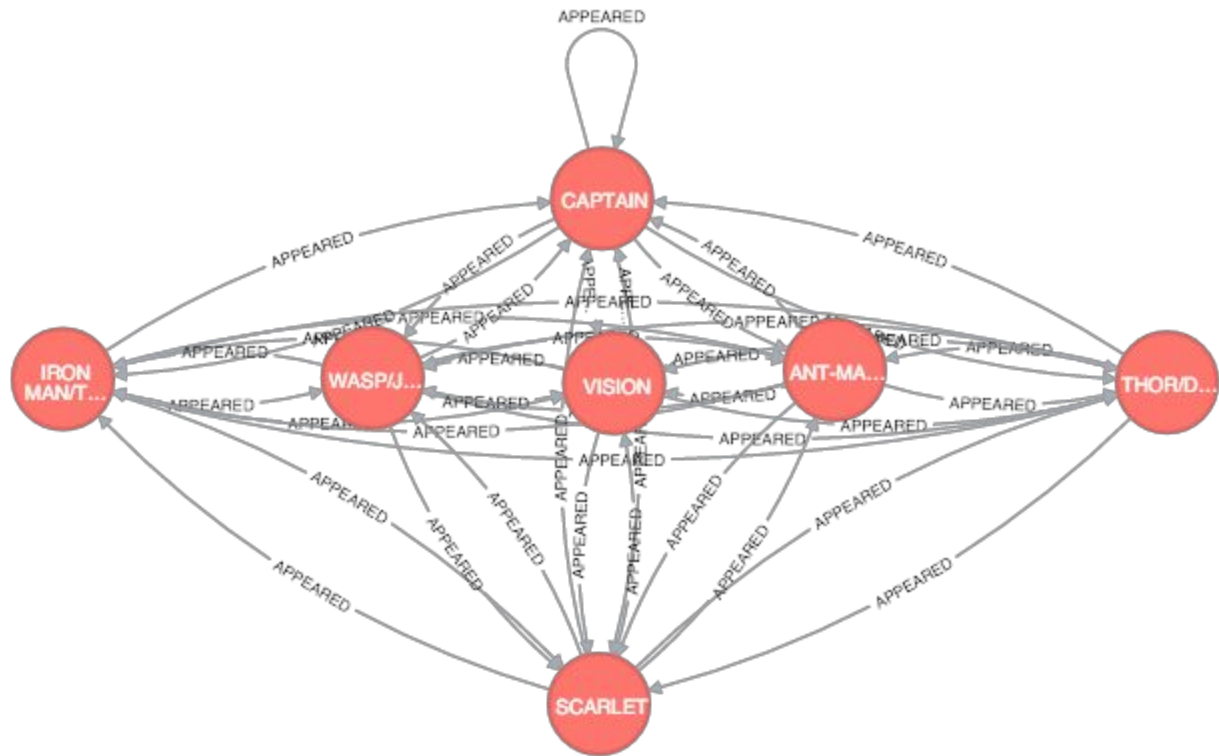
Initial 5



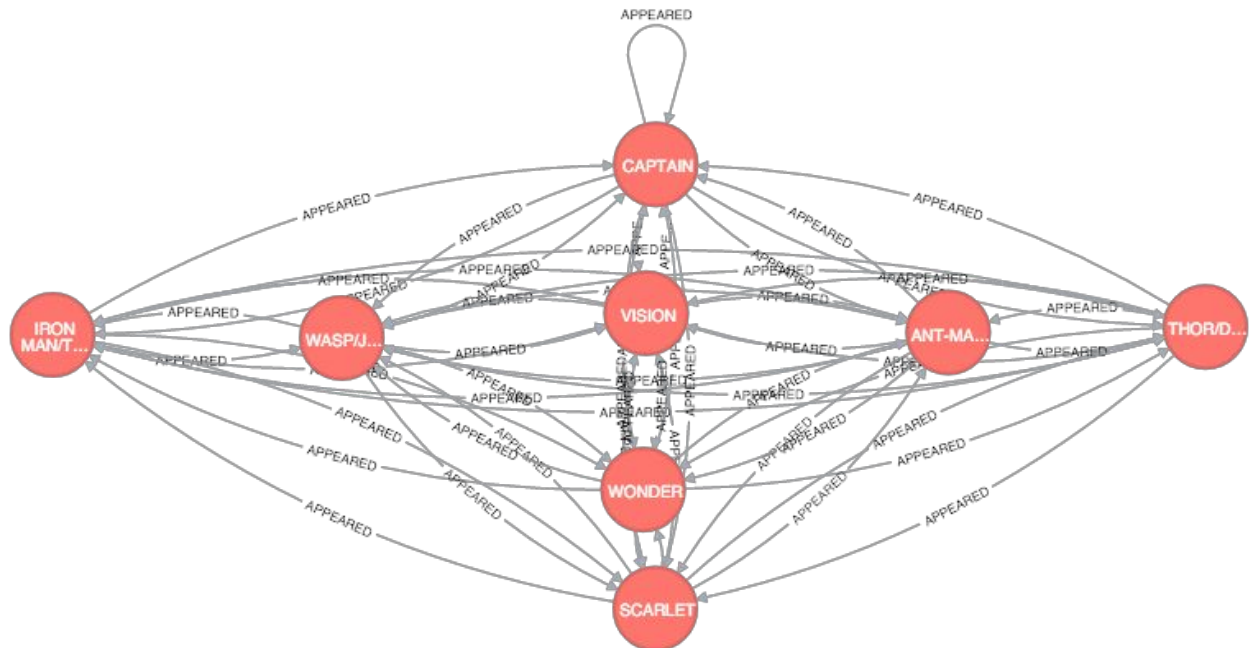
Initial 6



Initial 7



Initial 8



Initial 9

