Yong Zhou

Hw\_3

1, determine if there is a chain of at most 7 friends such that Dirk is friends with both the first and the last person.

BFS:

* As a graph of this situation, Dirk to be the first node of the chain, after Dirk passes out the message, at most saw by 7 friends, will pass back to Dirk. Otherwise, this chain of at most 7 friends will not exists.
  + We have n nodes(person), and m edges for every person.