**Problem :** [**https://cses.fi/problemset/task/1197/**](https://cses.fi/problemset/task/1197/)

**Approach :**

1. Here graph may be disconnected,so initialize each **node’s initial distance to 0** not infinity
2. Do normal bellman ford procedure,but also Store **who relaxed whom.**
3. If cycle is detected, **trace back relaxants n-1 times** to ensure that we entered the cycle.Mark this node as ‘x’ and push it to ‘cycle’ vector.
4. Now again trace back it’s relaxants and keep adding the nodes in the path to ‘cycle’ vector,until ‘x’ is encountered again.
5. Reverse and print the Vector.

**Code with explanation :** <https://ideone.com/8dPT2b>