Bob the COMP 322 TA proposes a solution to the Dining Philosophers Problem that is based on the combination of our solutions 1 and 2, by making Philosopher 0 “special”. All the philosophers follow the solution 2, except philosopher 0, who does not use tryLock’s, but instead uses regular blocking locks. Bob’s algorithm is on the right.

Does Bob’s solution exhibit:
1. Deadlock | NO
2. Livelock | NO
3. Starvation | YES
4. Non-concurrency | YES
5. Fairness (i.e. all philosophers get an equal chance to eat) | NO