

CECS 526 Assignment 5 (2 points)**Name: Varun Lingabathini****Due: March 10, 2020 by class time on BeachBoard**

Given the scenario in a distributed computation as depicted below that involves 3 processes P_1 , P_2 , and P_3 , where bank accounts A, B, and C are maintained and processed, respectively. Initially the accounts have: $A=400$, $B=300$, and $C=200$. Assume the system supports FIFO communications.

Apply the Chandy-Lamport global state recording algorithm for the following initiation, and show on the diagram every recording when and where the recording takes place:

P_1 initiates global state recording at point 1, and the markers from P_1 arrive at points marked as 1 on P_2 and P_3 .



