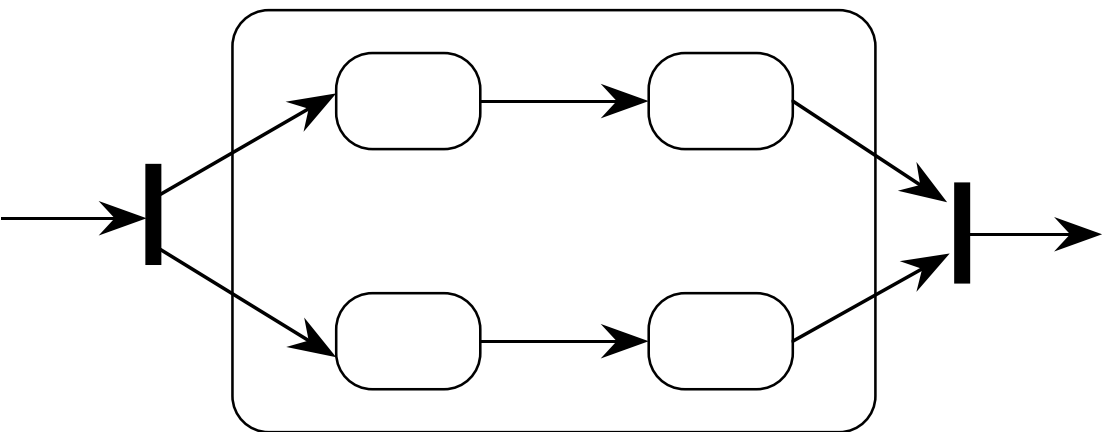a. State with internal concurrency

b. Equivalent state with external synchronisation