

-Deadlock freeness



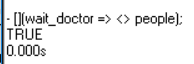
A patient is in the hospital, people is outside

-When a patient is admitted in the service, he/she will eventually be examined by a doctor



Fill\_papers is just after the check in, finished is when the doctor has just examined us.

-Each time an examining room is reserved, it will eventually be released



Wait\_doctor is when we are in the room waiting doctor, and people is outside the hospital