Part 1 (Composition Synthesis)
Given the following target $T$ service and available services $A_1$, $A_2$, check whether a composition exists, illustrating in detail the procedure followed. If the composition exists, produce the output relation of orchestrator generator. If not, single out the target state that cannot be simulated/ND-simulated, and propose a change to the available services so as to guarantee the composition.

Part 2 (Theoretical Question)
Explain (1) what are game structures for safety game, and (2) how service composition can be reduced to a safety game.