Part 1 (Composition Synthesis)
Given the following the available services $A_1$ and $A_2$ and the targets services $T_1$ and $T_2$, check whether a composition realizing each of them exists, and if it does, produce the output relation of orchestrator generator.

Part 2 (Theoretical Question)
(a) Define simulation and bisimulation. (b) Show an example of two bisimilar transition systems. (c) Show an example of two similar transition systems that are not bisimilar.