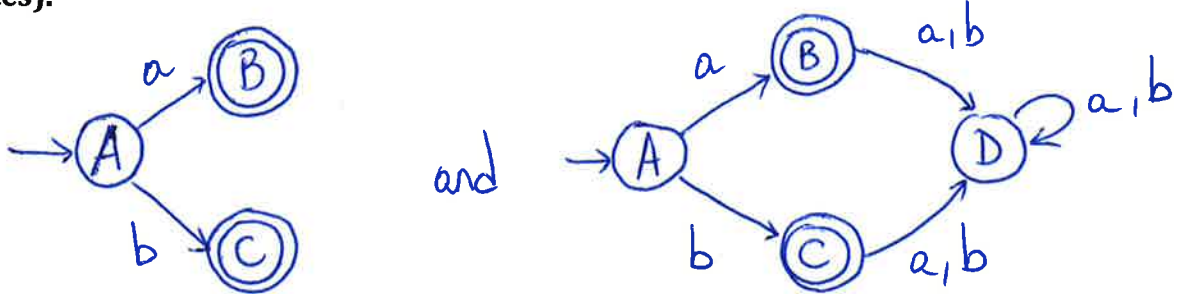
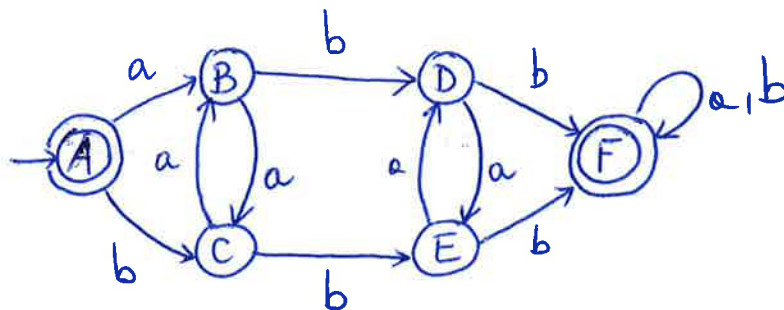


Question 1. [5 points] Draw two DFAs that are equivalent (i.e., recognize the same language) but are not of the same size (i.e., not the same number of states).



Question 2. [5 points] Consider the following automaton. What does the initialization step of the minimization algorithm look like on this automaton?



Final = {A, F}

Non-Final = {B, C, D, E}