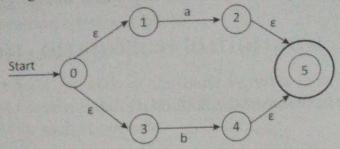
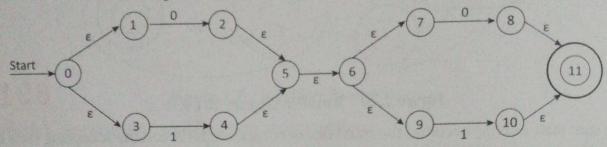
## Problems

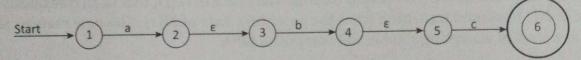
1. Construct NFA for the regular expression (a|b).



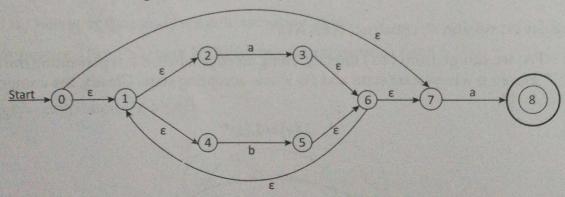
2. Construct NFA for the regular expression (0|1)(0|1).



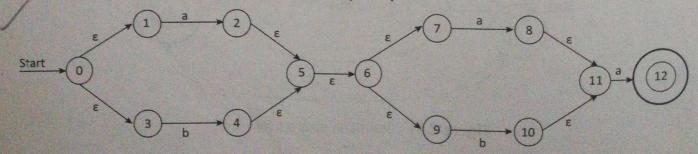
3. Construct NFA for the regular expression abc.



4. Construct NFA for the regular expression (a|b)\*.



5. Construct NFA for the regular expression (a|b) (a|b) a.



## problems

1. Construct minimum state DFA for the regular expression (a|b) \*.

STEP 1 Construct an NFA for the given regular expression.

Start 0  $\epsilon$  1  $\epsilon$  4 b 5  $\epsilon$  6  $\epsilon$  7