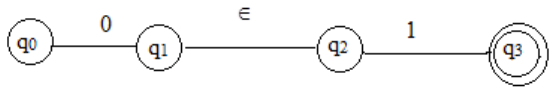
获得的答案 **返回**

(a) Given Language $L=(01\cup001\cup010)*$

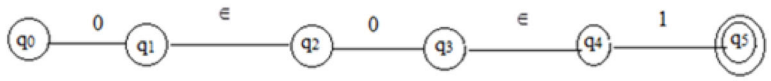
Assume that *M* as the NFA that recognizes language *L*.

The NFA *M* for the given language $L=(01\cup001\cup010)*$ is as follows:

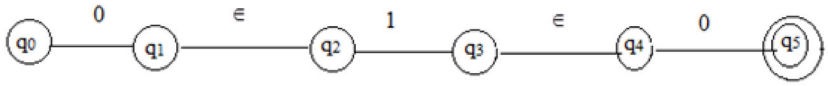
For string 01



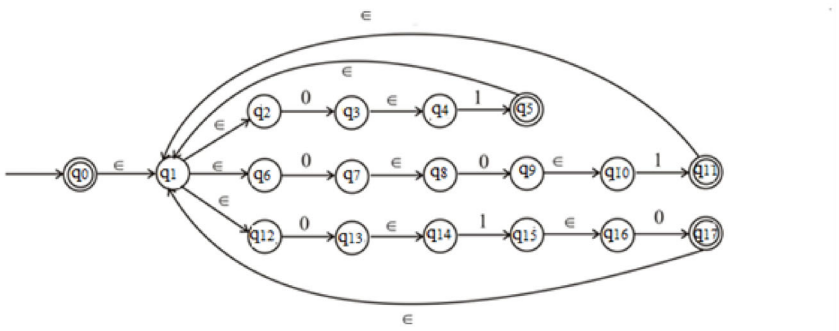
For string 001



For string 010



By joining all the above strings the final NFA for the $L=(01\cup001\cup010)*$ is shown below:



(b) Conversion of the NFA to DFA.

First remove all the $\in$ symbols in the NFA *M* and draw the transitions that are present in *M*.

The equivalent DFA for NFA for the Language $L=(01\cup001\cup010)*$ is as follows:

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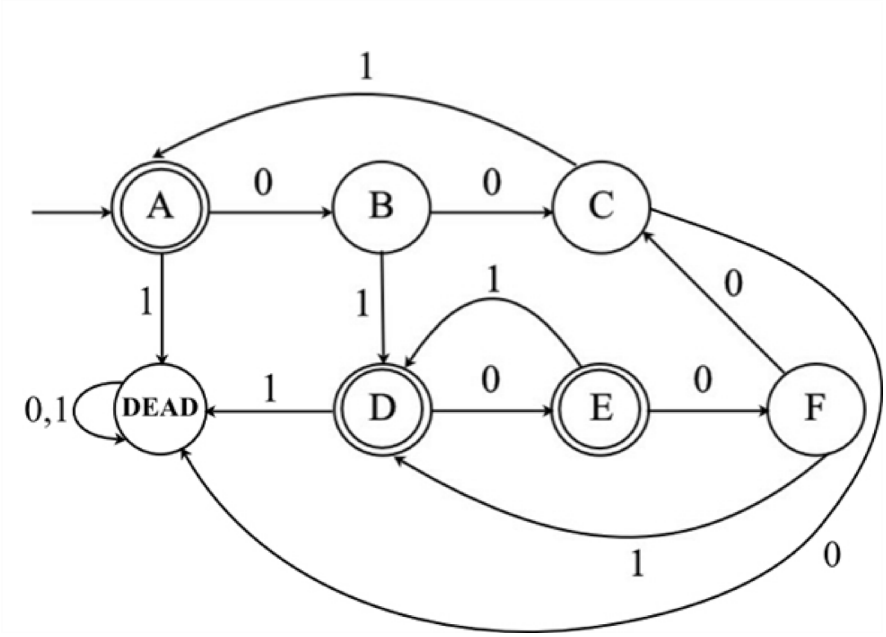

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