

1. The sequence of states  $(Q_1, Q_0)$  of the given synchronous sequential circuit is \_\_\_\_\_

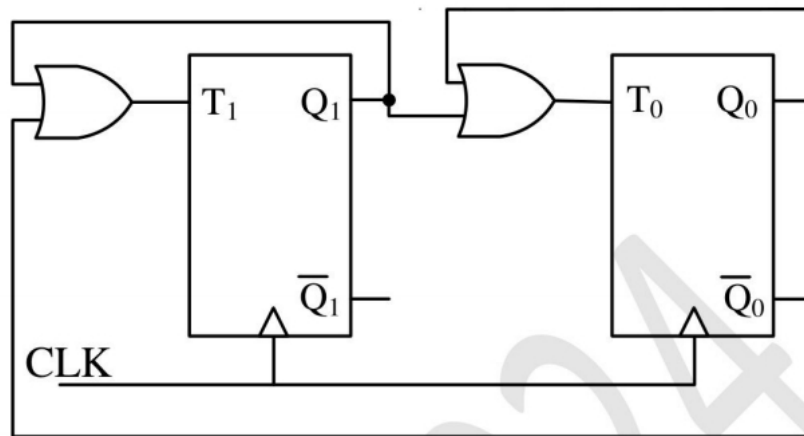


Figure 1: playground

- (A)  $00 \rightarrow 10 \rightarrow 11 \rightarrow 00$   
(B)  $11 \rightarrow 00 \rightarrow 10 \rightarrow 01 \rightarrow 00$   
(C)  $01 \rightarrow 10 \rightarrow 11 \rightarrow 00 \rightarrow 01$   
(D)  $00 \rightarrow 01 \rightarrow 10 \rightarrow 00$