

Barış Ayıldır  
1901042252

B. Ayıldır

Problem - 1

$(001)1(00)^*(11)^*$

a)  $\rightarrow 010011$

$\rightarrow 11001111$

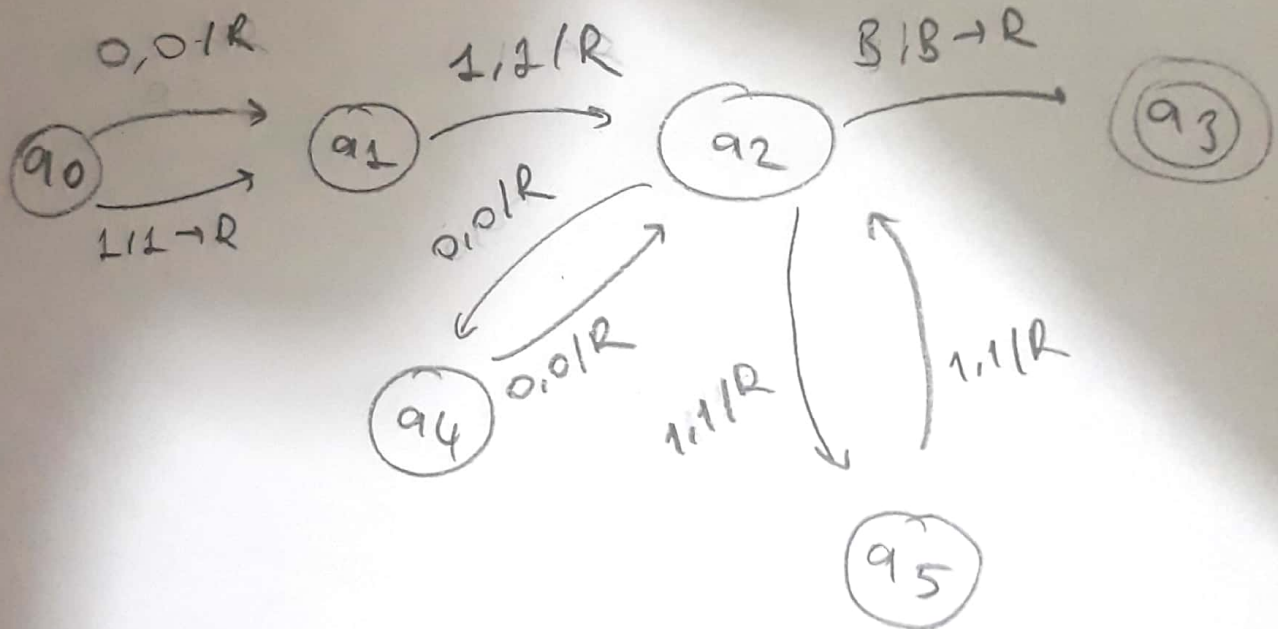
$\rightarrow 1111$

$\rightarrow 010000$

01000011

examples

b)



In 'q0' state, we can either read 0 or 1.

In 'q1' state we must read 1 otherwise machine halts.

If the machine reads blank, terminate the program  
If the machine reads 0 or 1 once, it should  
0 or 1 again