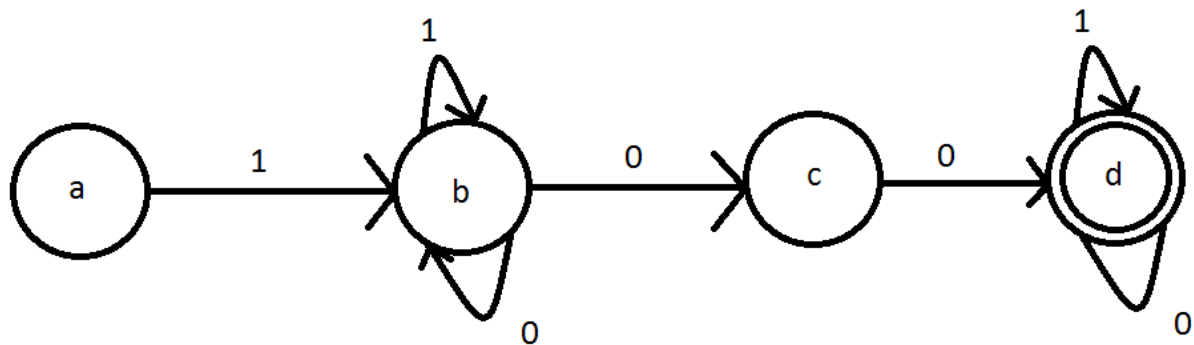Task 2

An acceptor takes the input and outputs either yes or no, depending on whether the input was a legit
input.
A lexical analyzer also checks if the input is legit, but it also groups up the input-characters into
meaningful
lexemes and outputs a token for each lexeme. A token is on the form <token-name, attribute-value>.

Task 3

a)

b) 100, 1000, 10001, 1100, 11001, 11000

c)

STATE	0	1	ℓ
a	-	{b}	-
b	{b, c}	-	-
c	{d}	-	-
d	{d}	{d}	-