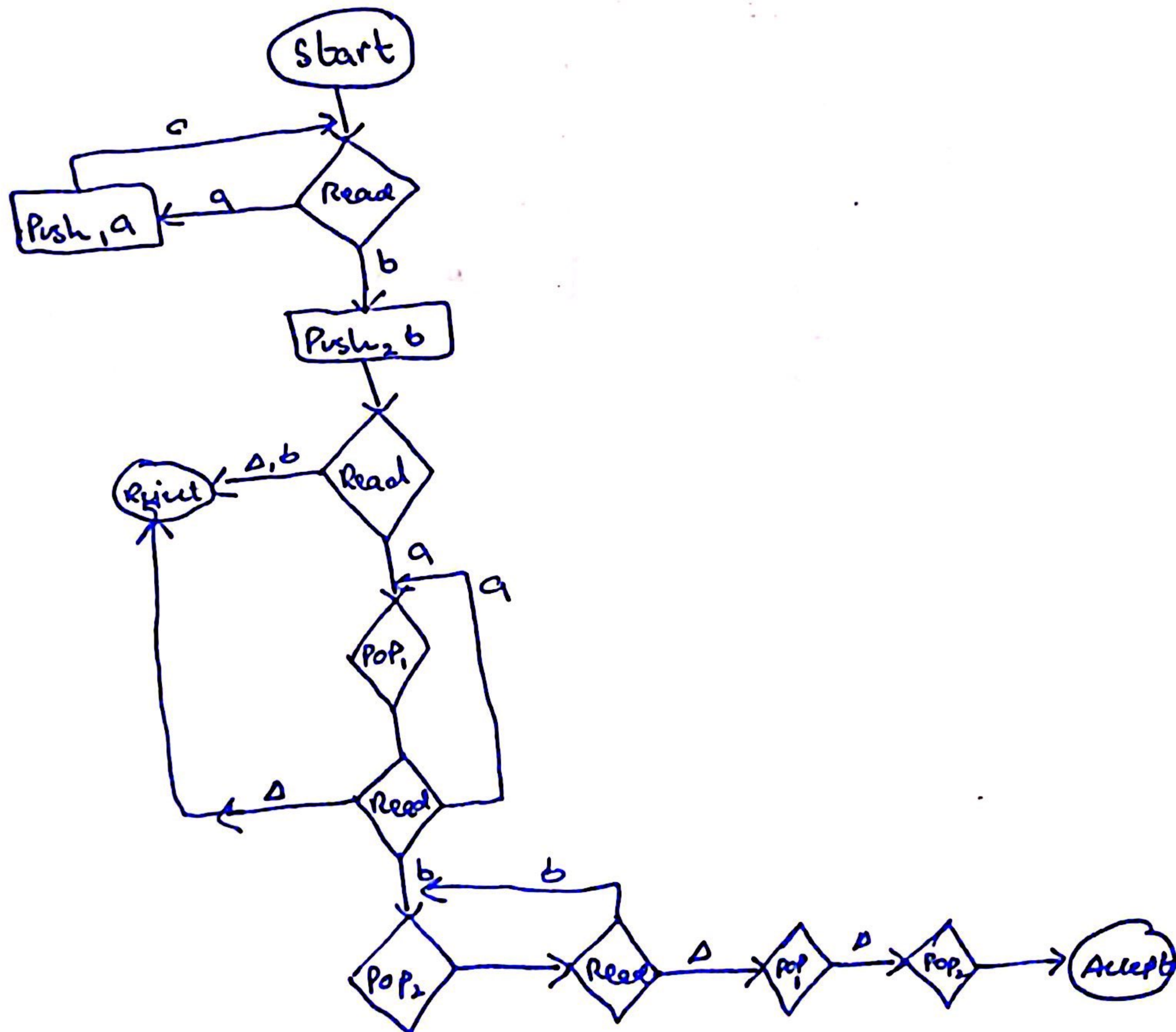
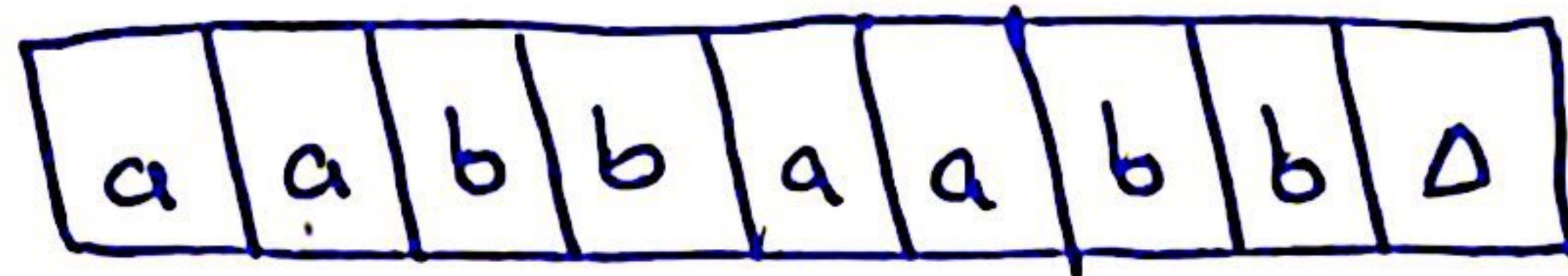


Construct 2PDA

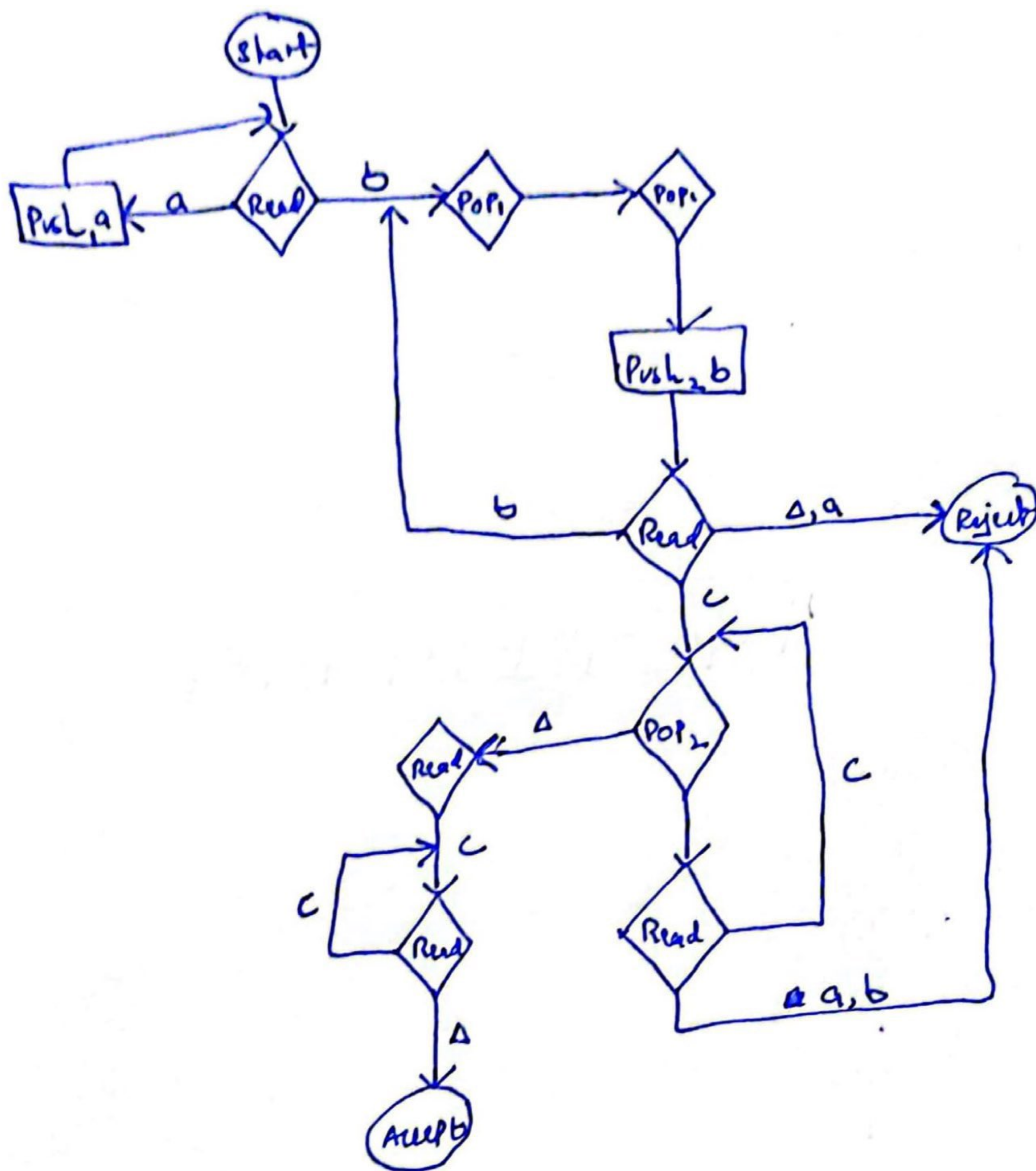
Q.2 a) $a^n b^m a^n b^m$

$n, m \geq 1$



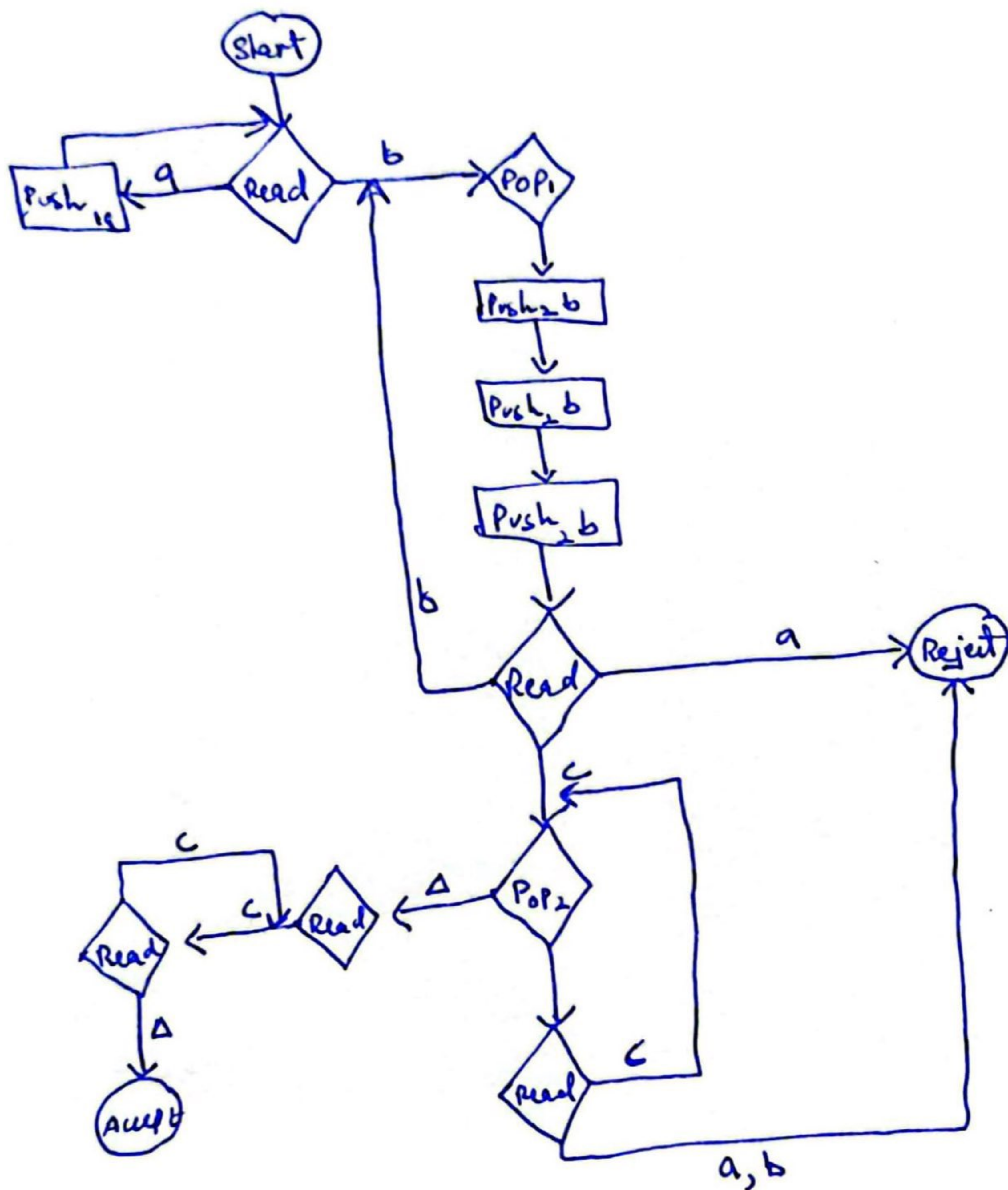
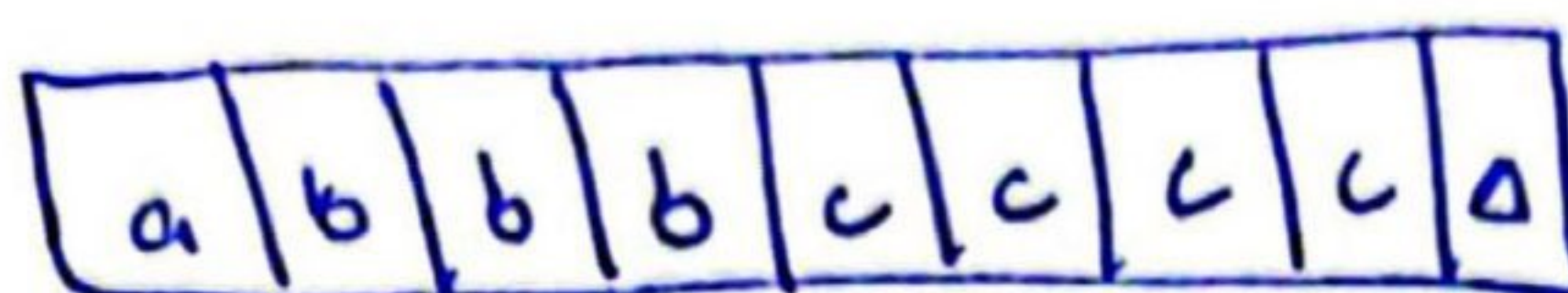
b) $a^{2n} b^n c^{2n}$

a	a	a	a	b	b	c	c	c	c	Δ
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d) $a^n b^{3n} c^{4n}$

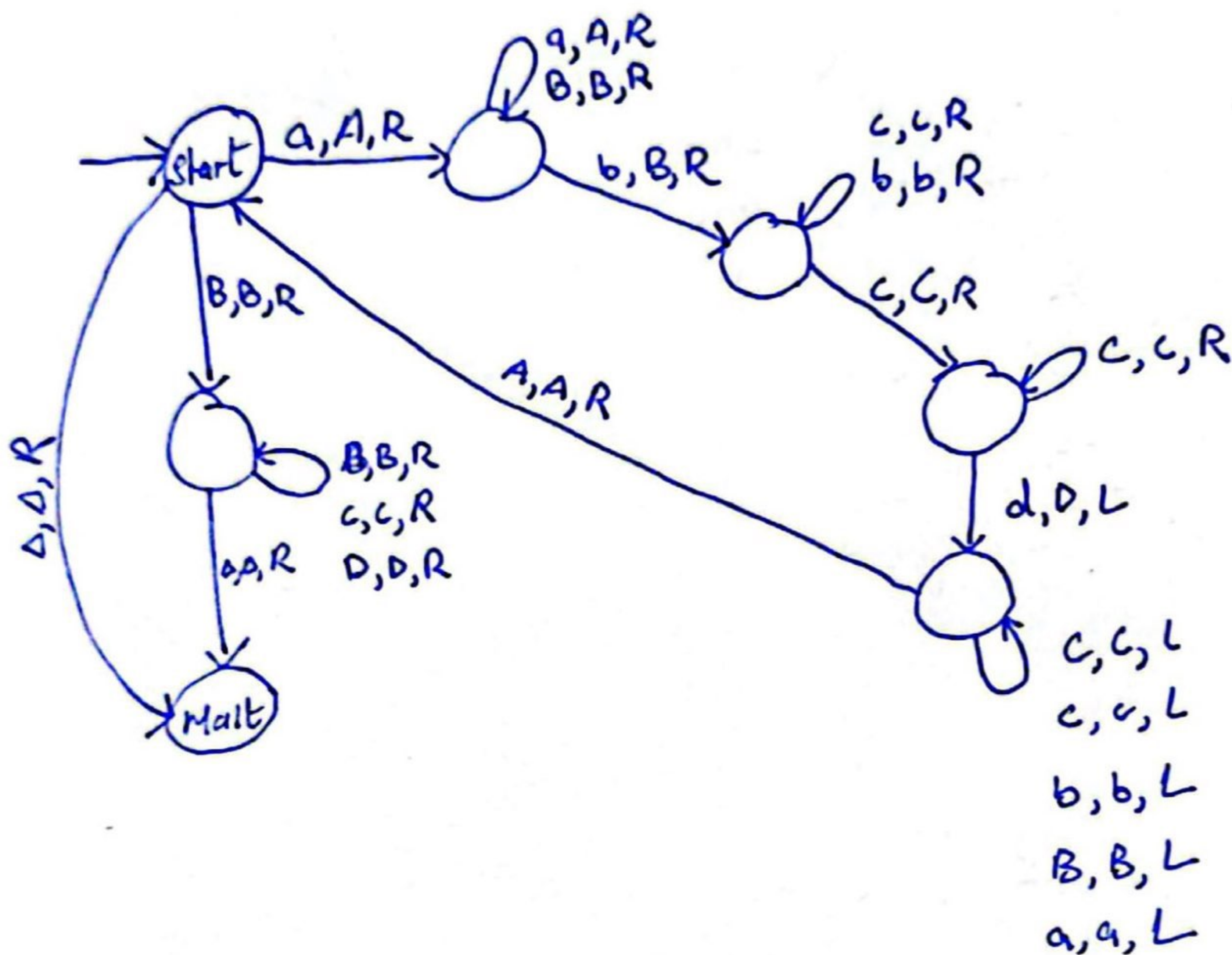
(b)



Q.1 Construct Turing Machine

a) $a^n b^n c^n d^{n+1}$

a	b	c	d	d	Δ
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