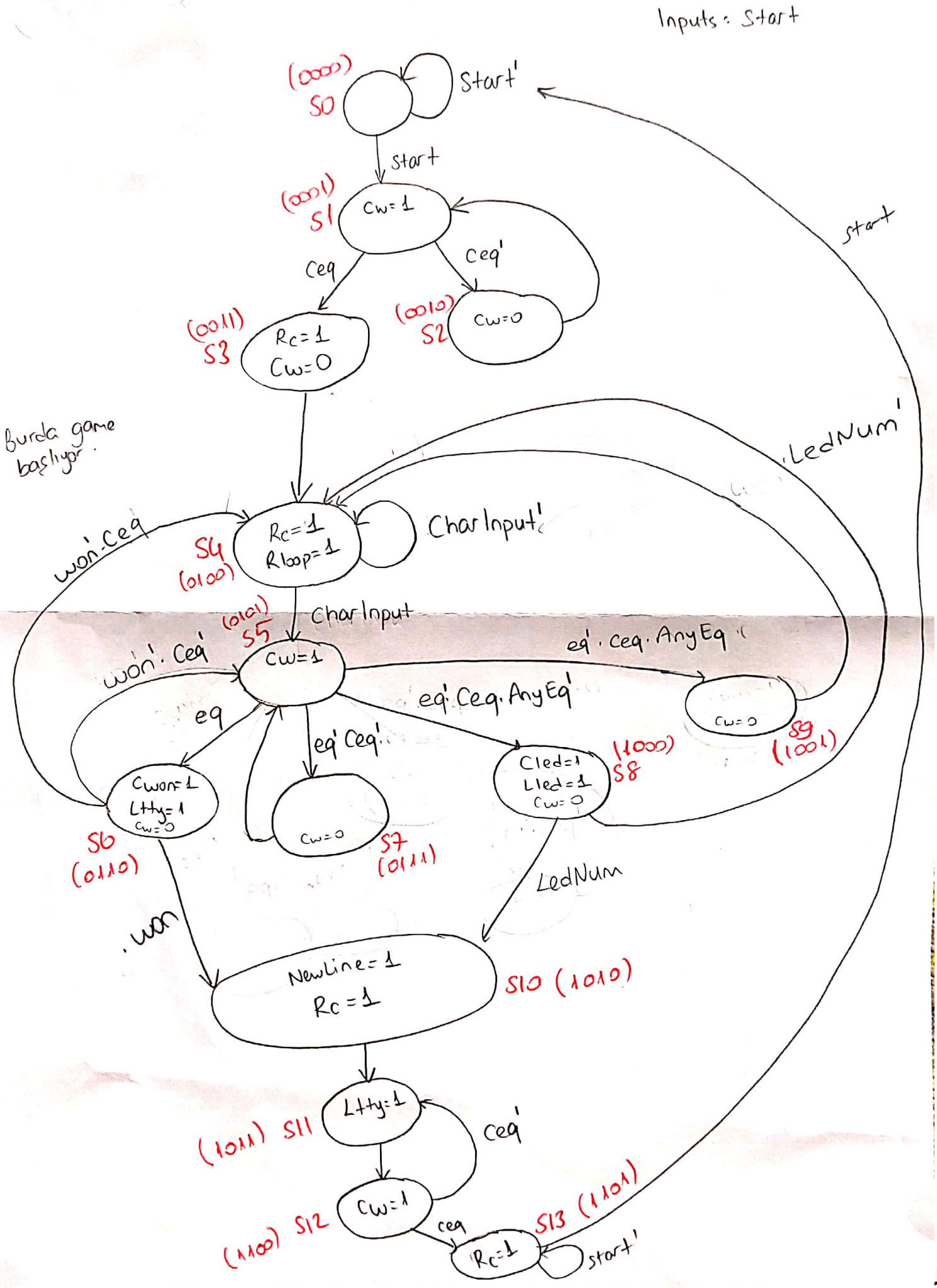
(FSM) | Hagman.c |



	(PS) s3 s2 s1 s0	(Inputs) Start	Ceq	eq	Lwan	LetNum	AnyEq	charInput		(NS) n3 n2 n1 n0
S0	0000	0	-	-	-	-	-	-		0000
		1	-	-	-	-	-	-		0001
S1	0001	-	0	-	-	-	-	-		0010
		-	1	-	-	-	-	-		0011
S2	0010	-	-	-	-	-	-	-	-	0001
S3	0011	-	-	-	-	-	-	-		0100
S4	0100	-	-	-	-	-	-	0		0100
		-	-	-	-	-	-	1		0101
* S5	0101	-	-	1	-	-	-	-	-	0110
		-	0	0	-	-	-	-	-	0111
		-	1	0	-	-	0	-	-	1000
		-	1	0	-	-	1	-	-	1001
S6	0110	-	1	-	0	-	-	-	-	0100
		-	0	-	0	-	-	-	-	0101
		-	-	-	1	-	-	-	-	1010
S7	0111	-	-	-	-	-	-	-		0101
S8	1000	-	-	-	-	0	-	-		0100
		-	-	-	-	1	-	-		1010
S9	1001	-	-	-	-	-	-			0100
S10	1010	-	-	-	-	-	-	-	-	1011
S11	1011	-	-	-	-	-	-	-		1100
S12	1100	-	0	-	-	-	-	-	-	1011
		-	1	-	-	-	-	-	-	1101
S13	1101	0	-	-	-	-	-	-	-	1101
		1	-	-	-	-	-	-	-	0000

Truth Table for Outputs

(PS)	Cw	Rc	Rloop	Cwon	Ltty	Cled	Lled	Newline
S0	0	0	0	0	0	0	0	0
S1	1	0	0	0	0	0	0	0
S2	0	0	0	0	0	0	0	0
S3	0	1	0	0	0	0	0	0
S4	0	1	1	0	0	0	0	0
S5	1	0	0	0	0	0	0	0
S6	0	0	0	1	1	0	0	0
S7	0	0	0	0	0	0	0	0
S8	0	0	0	0	0	1	1	0
S9	0	0	0	0	0	0	0	0
S10	0	1	0	0	0	0	0	1
S11	0	0	0	0	1	0	0	0
S12	1	0	0	0	0	0	0	0
S13	0	1	0	0	0	0	0	0

$CW = S1 + S5' + S12$

$RC = S3 + S4 + S10 + S13$

$Rloop = S4$

$Cwon = S6$

$Ltty = S6 + S11$

$Cled = S8$

$Lled = S8$

$Newline = S10$