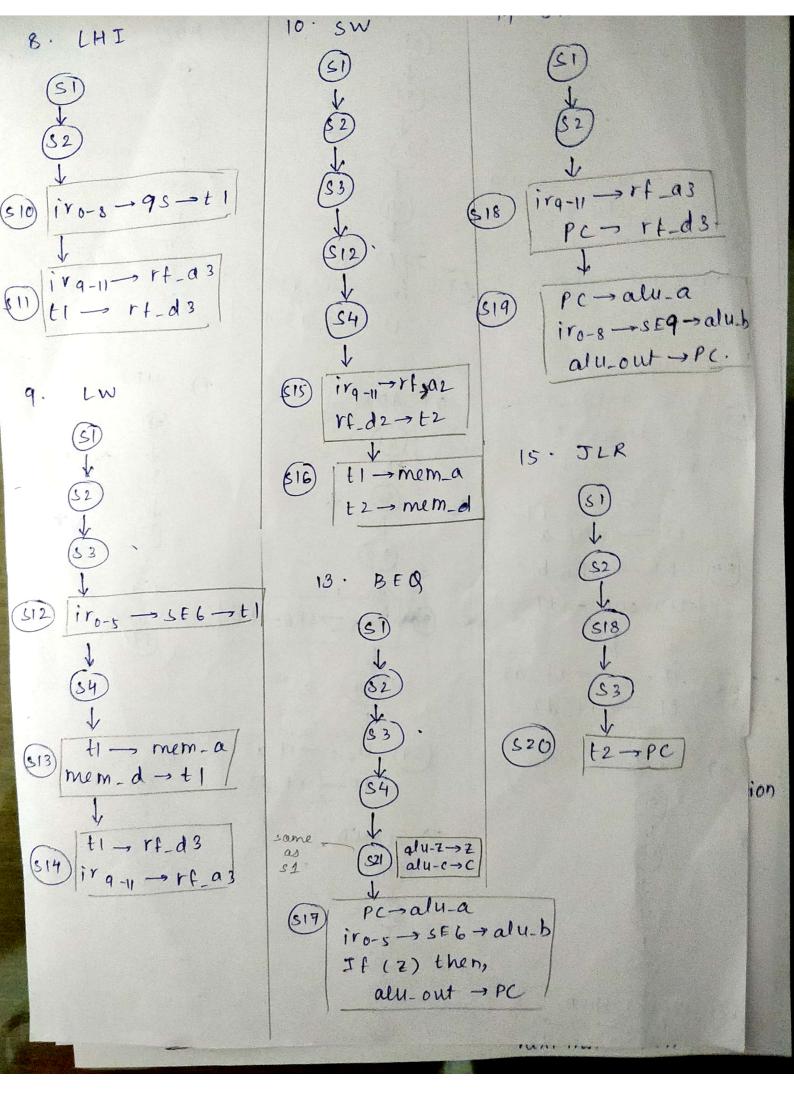
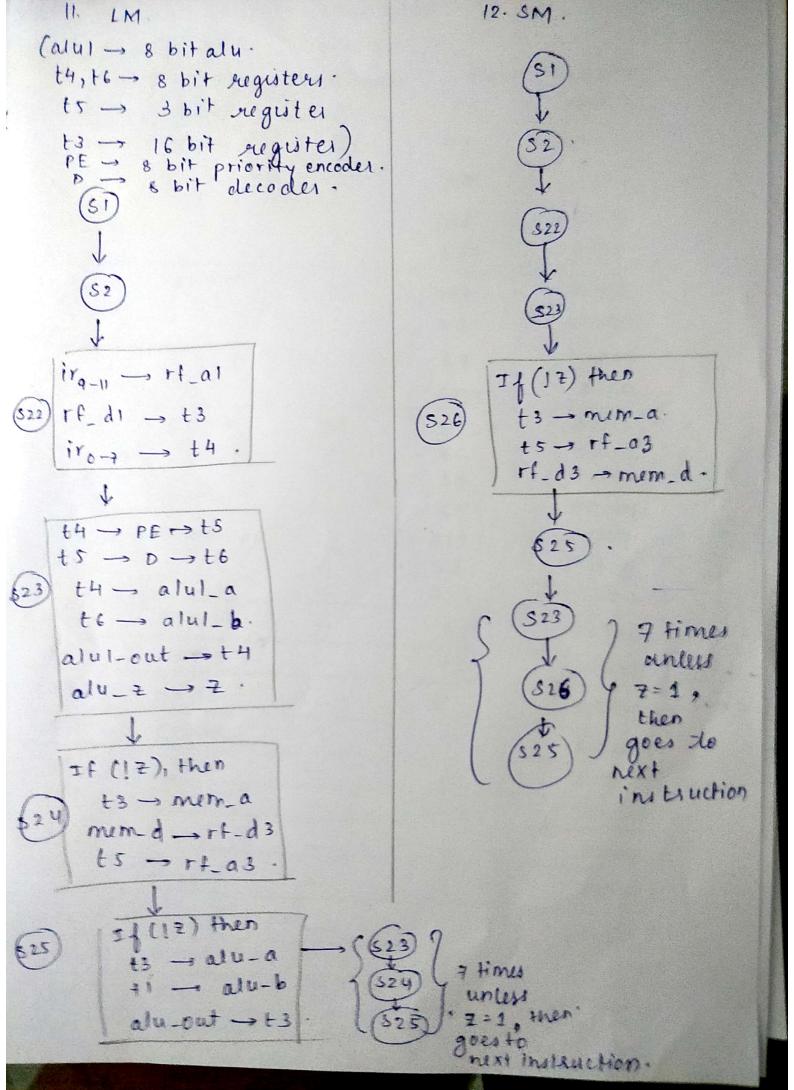


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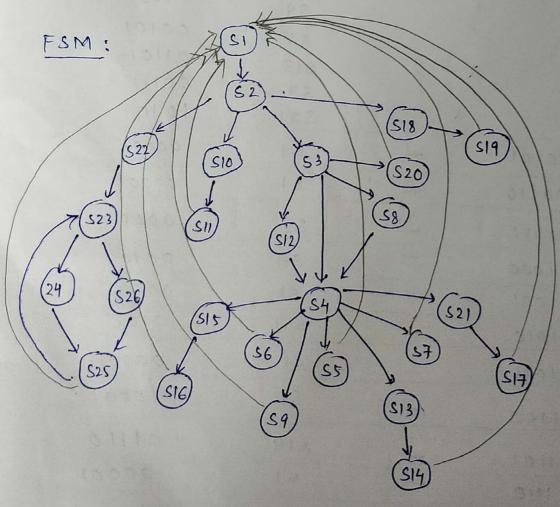




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Next state decoder logic								
we have 26 statu								
· + bits required.								
current state			Next	state(s)				
51	00001	A market of the state of the st	\$2	00010				
S 2	00010	D1	83	00011				
			510	01010				
		SIB		10010				
			822	10110				
\$3	00011	D2	\$12	01100				
			54	00100				
		12 (1tas	58	01000				
			S20	10100				
54	00100	D3	315	01111				
			S 6	00110				
			59	01001				
			\$5	00101				
			513	01101				
			S7	00111				
0.5			S21.	10101				
S5	00101	-	51	00001				
SE	00110		81	00001				
87	00111	_	31	00001				
58	01000	-	54	00100				
59	01001	4-	SI	00001				
S10	01010	-	SII	01011				
511	01011	2,4	\$1	0000)				
S12	01100	_	SI	00001				
\$13	01101		514	01110				
514	01110		S I	00001				
815	01111		\$16	10000				
516	10000	-	۱۷	00001				
THE PARTY OF THE P								

	517	10001			
8.	518			51	00001
		10010	_	519	10011
(519	100101		\$1	11000
(3	520	10100	_		00001
6	S21	10101		51	00001
) i	522	10110	- The second sec	517	10001
	523	And the state of t		\$ 2 3	1011)
1		10111	D84	S24	11000
	2 - 1	AS WEST		S26	11010.
1/t1	\$24	11000	- 50225	S 2 5	11001
	825	11001	DS	Mess SI	00001
	526	11010	088	523	10110.
	026	11010	-//3	525	11001
			11		
4.	FSM:		SI		<u></u>



Next state decoder logic 01 Instructions. (2) 00010 -- 00011 (3) 1, 2,3,4,5,6,7,9,10,13 (4 01010 (10) 8 10010 (18) 19 14,15 10110 (22) 11,12. State ir₁₂₋₁₅ to 31 - 0000,0001,0010,0100,0101,1100 - 00011. -> 0011 01010 -> 1000,1001 10010 · 0110,0111 10110 R= abcd + abcd + abcd + abcd + abcd + abcd Y= abed 2= abcd + abcd w= ābed + ābed. Next state = wettw) y w1 x 2+w y w 1 2

```
Instructions
    00011
                                9,10
                 01100
                        (12)
                                1, 2, 3, 5, 6, 7, 13
                 00100
                        (4)
                  01000
                        (8)
                 10100 (20)
                              15
11/12-15
                                         00100 (4)
           0000,0010,00011100
                                          01100 (12)
            0000, 0101
                                         01000(8)
            0001
                                          10,100 (20)
            1001
    15 14 13 12
    ab cld
    ābcd + ābcd 1 abcd
n=
    abid + abid
    ābēd
    abid
    Next state
                               2+y+w000
      12/2/4/4/4/2)
```

```
Instructions.
                             10
(4) 00100
                 01111 (15)
                              2,6
                  00110 (67
                               4
                  01001 (9)
                               1,5
                  00101 (5)
                               9
                  0 110 1 (13)
                             3,7
                  00111 (7)
                   1010/(21) 13
           (15/14/13/21/01
                                01111 (15)
           0101xx
1 1/24-15 OT
                                 00110 (6)
           001010,000010
           0001XX
                               01001 (9)
           000000,001000
                                 00101 (5)
          5 0100 XX
                                0 1101 (13)
            000001,001001
                                 00111
             1100xx
                                 1010) (21)
                               Next state
     ābīd
 x =
     abedef + abidoef
     ābīd
      abidef + abodef
  r= abcd
  s= ābcdef+ ābcdef.
      abid
  + =
```

