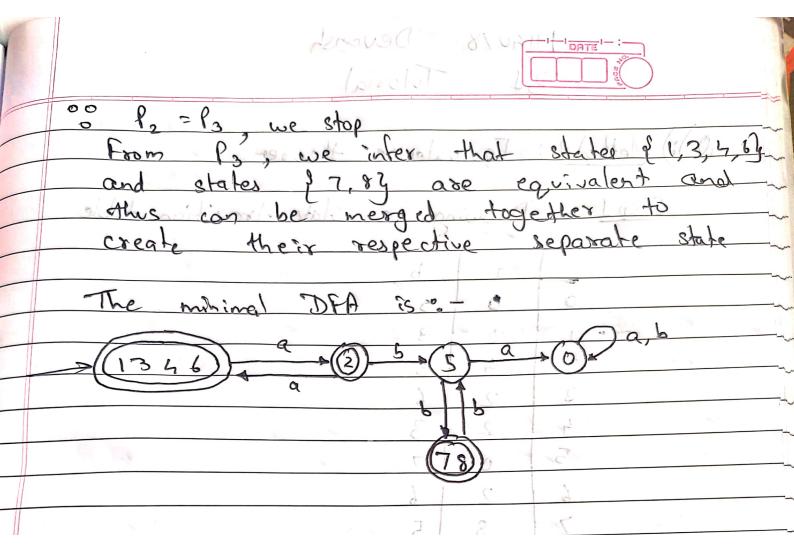
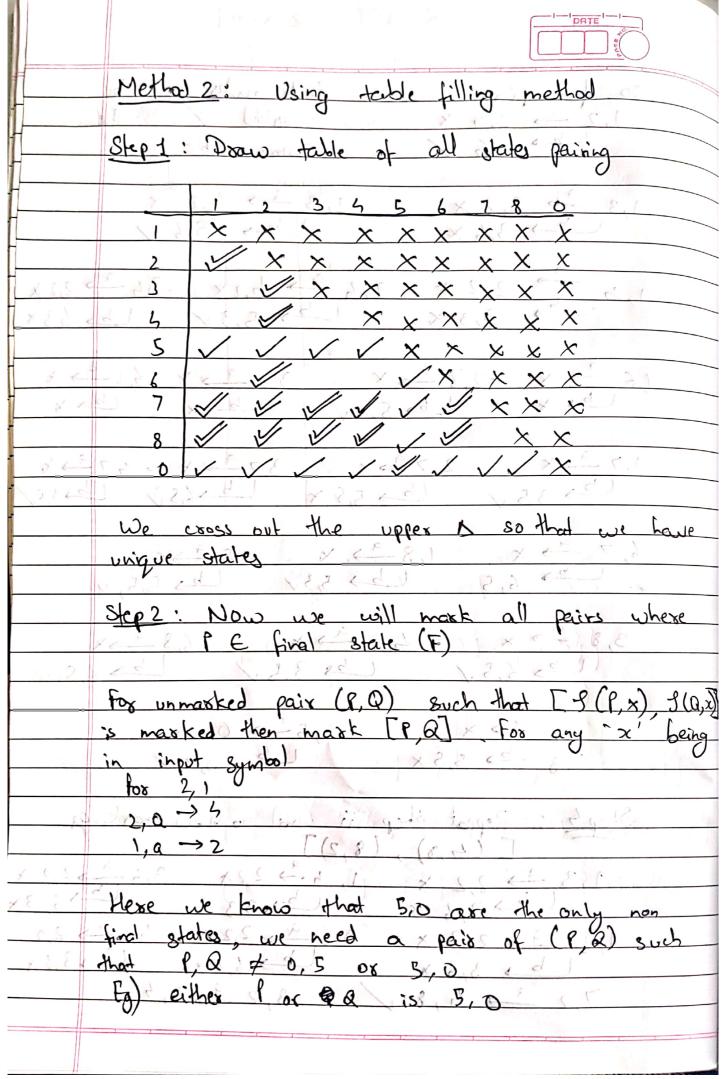
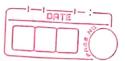
1914078 Devensh B1 Tutorial
Or)i) Method 1: Equivalence theorem
Step 1: Dowing a State transition table
o o or Att forming
3 2,16
5 06 7
7 8 5 8 5
Step2: Now using equivalence theorem, we will separate find and non final states in sets.
: Po = { {1,2,3,4,6,7,83, \$0,53}} (final) (non-final)
P ₁ = \$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
P ₂ = { { 1, 3, 4, 6 }, { 2 }, { 7, 8 }, { 5 }, { 6 } }
P3 = { \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
minimal DFA
Scanned with CamScanner







1	30, for first Such nocks will be
/	1,2 a 2,4 x marked \(\) is the \(\) Same kable
/	Same kable
/	
	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
	$\frac{\alpha}{1,5}$ $\frac{2,2}{3,3}$ $\frac{\alpha}{2,4}$ $\frac{\alpha}{3,2}$ $\frac{3}{4}$ $\frac{\alpha}{3,2}$ $\frac{2,2}{3}$ $\frac{\alpha}{3,3}$ $\frac{3}{4}$ $\frac{\alpha}{3,2}$ $\frac{2,2}{3}$ $\frac{\alpha}{3,3}$ $\frac{3}{4}$ $\frac{\alpha}{3,2}$ $\frac{2,2}{3}$ $\frac{3}{4}$ $\frac{\alpha}{3,2}$ $\frac{3}$
	2/3/X (b) 6,3X
_	16 a x 22 (a x 3/4 2 x 4/a) b
_	16 = x 2,6 = x 3,6 = x 4,6 = x 16 = x
/	
	1,7 a>x 2,7 a>x 3,7 a>x 4,7 a>
	(b) 3,5 / (b) 5,5 × (b) 6,5 / (b) 3,5/
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	6,7 mx 1,8 mx 2;8 mx 2;8 mx 2;8 mx x 1,8 mx x 1,
	6,7 ~ x 1,8 ~ x 2;8 ~
3/3/	3,8 => × (1)41.8.4> × (1)41.8.4> ×
	1 b 6.5./ Lbs 3,5/ Lbs 6,5,1/
12	6.979-1 todi- dona (0.3) riog basisones out
	(2) 2-1 /2-1 /2-1 /2 (0) 1 /2 63/2000 001 - 7,8 - 9> x [6,1] 1,0,5 9 - 6,10 x 000 001
	7,8 -2> 5,5x
	Stock: Percent Step in until no view markings
	Step 5: Repeat Step jii until no new markings
	1 1 1 1 1 1 1 1 1 1
	(b) 3,6 x (b) 3,3 x
	1, 9, 2,2,4 3,6,9, 2,2,4, 4,6,0, 2,2
	162-3,6x (b) 3,6x
	7,2 4,8 1 8,2 4,8,5

