Date	
No Page No	
Malavika	R·V
CS7B	
Expt No : 4 Roll No	:31
Am: Write a program to minimize DFA.	
Algorithm:	
1. Start	
2. Accept no. of alphabets, no of states, alphabets	, no
transition, start state and final state.	
3- down Aunt each bransition in form of skut.	_ stal
alphabet next-stale and and to heave,	
4- Construct a tuble so that every par of state	ger
a zup elimin	
- Divide the states into final and him final state	es .
b. Mark table (i) (i) = 1 for cury 14 final and j	
and boal chales or VII.a. Velsa.	
7. It table [i][j] =0 such that table [s(i)x)/s	LJVXJJ
thin table (i) (i) = 1, when x's an expression	
8- Repeat the above step until no more marking	1 0
14	
9 combine all states where table (i) (1) = 0	9
point them.	
10. Stop.	
Result:	
Thus the program is implemented Successfully.	
Teacher's Signature	