

(a) DFA for "fee | fie"

$S_1$			Towns and the second		
				_	
S <sub>2</sub> S <sub>3</sub> S <sub>4</sub>					
S <sub>4</sub>	. <u>15 </u>		. <u>Jyanaanaanaa</u> 6 6 8 8	Jy	
S <sub>5</sub>					
	So	$S_1$	S <sub>2</sub>	S <sub>3</sub>	S <sub>4</sub>