NFA Algorithms. 1. Assidming No symbols or brackets for now. 1. Define a bool indicates whether we should insert empty state as is Epsilon 2. Define a list which centains our states -> [i] insts. 3. Installe characters idx which points to the curent character 48 the given reguler expression with - 1 - one of de con ster de closes 4. Create initial state 31 (init=T, Tem= F, from= E) 5. Append it so she states list 6. it wave For each state in the states list 6.1. apply 63:c (state, charldx, is Epsilon, resere, states >16.2. is Epsilon ~ is Epsilon → to sole It > = tol. 63. Charldx += ! is Epsilon we move the pointer in Case I that we we not a Epsilon state live should continue the NFA also, but lets stop her news Implement apply logic apply logic (State, charlox, is Epsilon, reger, states l' s. create new emetro state → s: e. Append it to the Boates list -> states. append(s:) 7. if (is Epsilon) 3.1. state. Trans [E]. append [new] 4.1. if (resex (charlex +1) is alpha neameric) 4. Plse 4.1.1. state. Trans[*). append [4:) Ne should thank how to handle these cases. 4.2. de abcDF: Scanned with CamScanner