L8-NFA-Example-3

Ex 1) L1 = { Set of all strings that ends with '1' }

Ex 2) L2 = { Set of all strings that contain '0' }

Ex 3) L3 = { Set of all strings that starts with '10' }

Ex 1) L1 = { Set of all strings that ends with '1' }



Ex 2) L2 = { Set of all strings that contain '0' }

Ex 3) L3 = { Set of all strings that starts with '10' }

Ex 1) L1 = { Set of all strings that ends with '1' }



01,001,0001,0*1,1,

Ex 2) L2 = { Set of all strings that contain '0' }

Ex 3) L3 = { Set of all strings that starts with '10' }

Ex 1) L1 = { Set of all strings that ends with '1' }



01,001,0001,0*1,1,

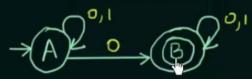
Ex 3) L3 = { Set of all strings that starts with '10' }

Ex 1) L1 = { Set of all strings that ends with '1' }



01,001,0001,0*1,1,

Ex 2) L2 = { Set of all strings that contain '0' }



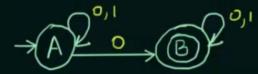
Ex 3) L3 = { Set of all strings that starts with '10' }

Ex 1) L1 = { Set of all strings that ends with '1' }

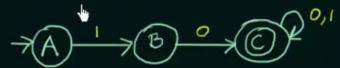


01,001,0001,0*1,1,

Ex 2) L2 = { Set of all strings that contain '0' }



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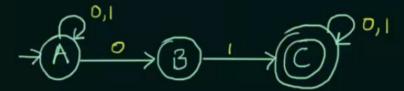


Ex 4) L4 = { Set of all strings that contain '01' }



Ex 5) L5 = { Set of all strings that ends with '11' }

Ex 4) L4 = { Set of all strings that contain '01' }



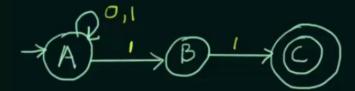
Ex 5) L5 = { Set of all strings that ends with '11' }



Ex 4) L4 = { Set of all strings that contain '01' }

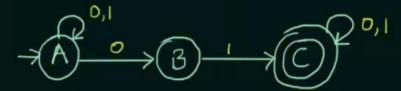


Ex 5) L5 = { Set of all strings that ends with '11' }



Assignment: If you were to construct the equivalent DFAs for the above NFAs, then tell me how many minimum number of states would you use for the construction of each of the DFAs

Ex 4) L4 = { Set of all strings that contain '01' }



Ex 5) L5 = { Set of all strings that ends with '11' }



Assignment: If you were to construct the equivalent DFAs for the above NFAs, then tell me how many minimum number of states would you use for the construction of each of the DFAs

• Questions????