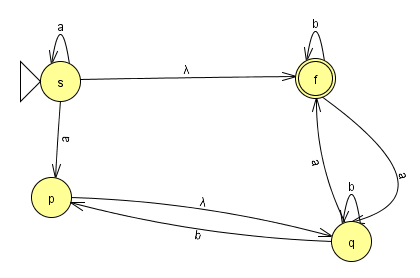
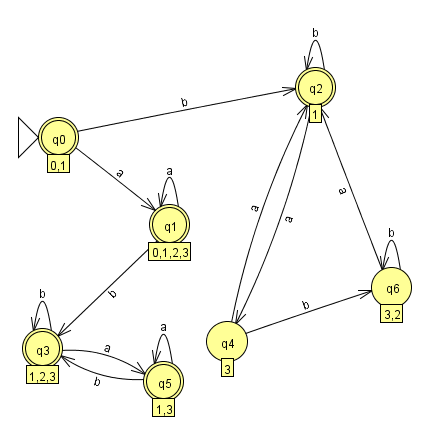
Joynal Abedin FY9237

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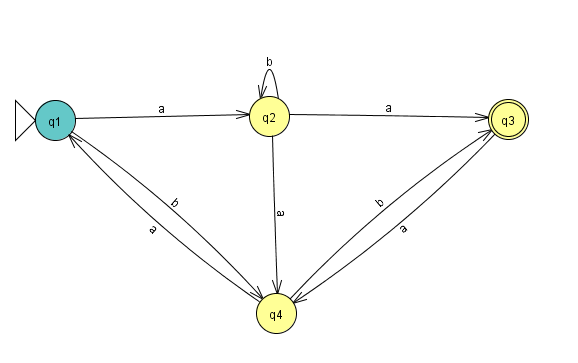
Q1: Convert the following



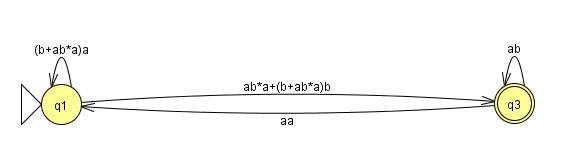
Converted to DFA:



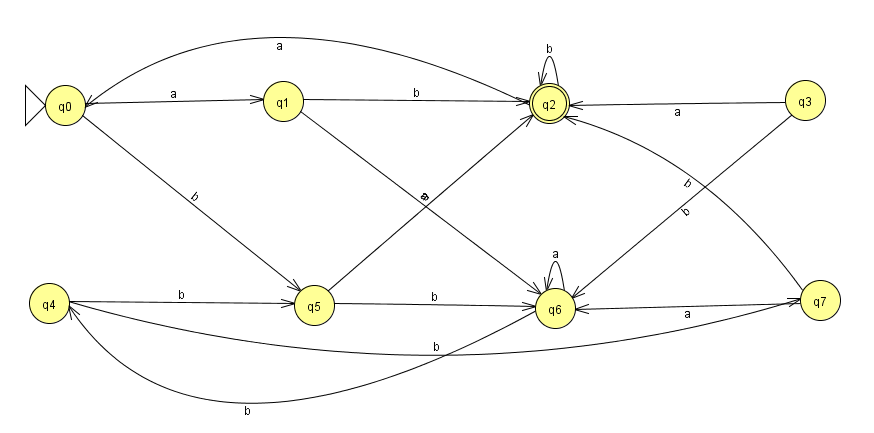
Q2. Convert the following



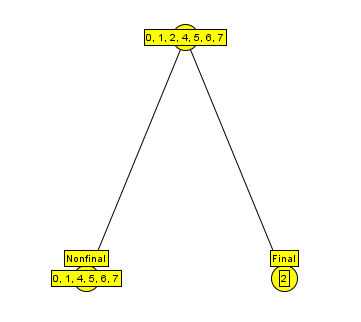
REGULAR EXPRESSION: (((b+ab\*a)a)\*(ab\*a+(b+ab\*a)b)(ab)\*aa)\*((b+ab\*a)a)\*(ab\*a+(b+ab\*a)b)(ab)\*



Q3:



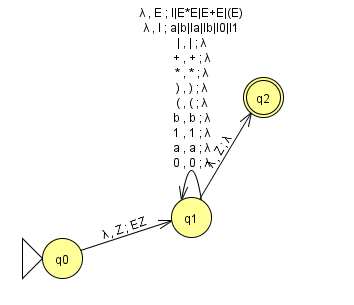
MINIMAL DFA



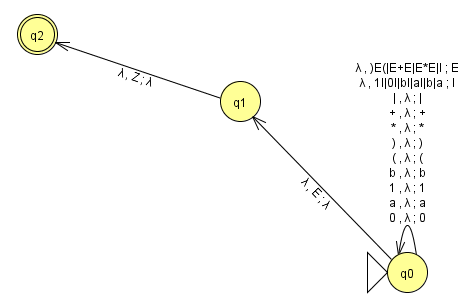
Q4.



LL PDA



LR PDA



Q5. Regular Grammar: a\*(λ+a(b+b)\*a)(b+a(b+b)\*a)\*

Graph:

