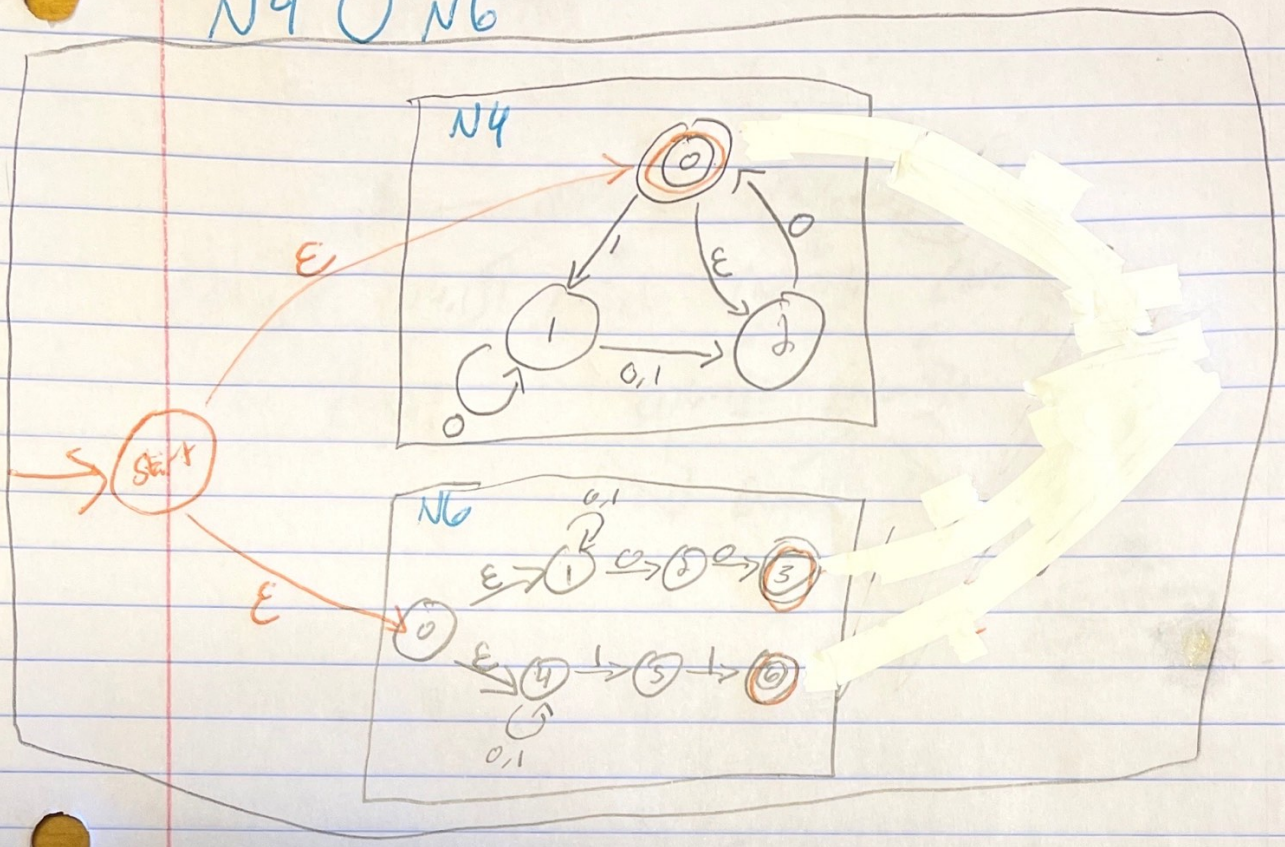
<start>]11

[N40]11 [N60]11

N4 ∪ N6



$N4 \cup N6 \rightarrow Q = \{start, end, \langle state1\rangle 0, \langle state1\rangle 1, \langle state1\rangle 2, \langle state2\rangle 0, \langle state2\rangle 1, \langle state2\rangle 2, \langle state1\rangle, \langle state2\rangle 4, \langle state2\rangle 5, \langle state2\rangle 6\}$

$N4 \cup N6 \rightarrow q_0 = start$

$N4 \cup N6 \rightarrow F = \{end\}$

$N4 \cup N6 \rightarrow \delta(start, \varepsilon) = \{(\langle state1\rangle 0), (\langle state2\rangle 0)\}$

$\delta(start, c) = \{\}$

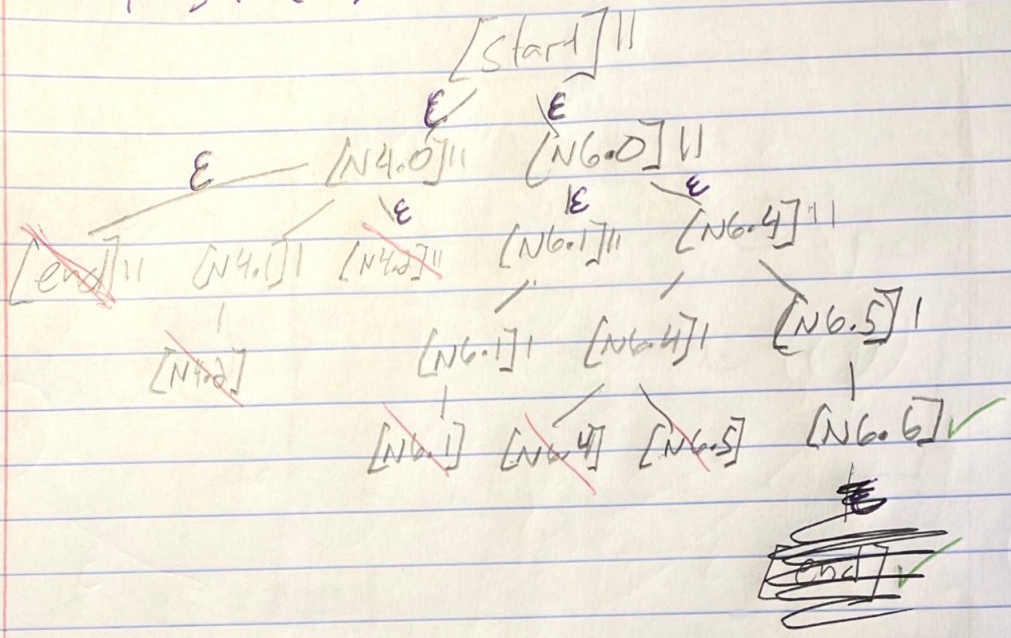
$\delta(end, \varepsilon) = \{\}$

$\delta(end, c) = \{\}$

$N4 \cup N6 \delta(\langle state1\rangle, c)$ $c = \varepsilon$ && $N4 \rightarrow F(state1)$

return end

N4 ∪ N6
w/ str {11}



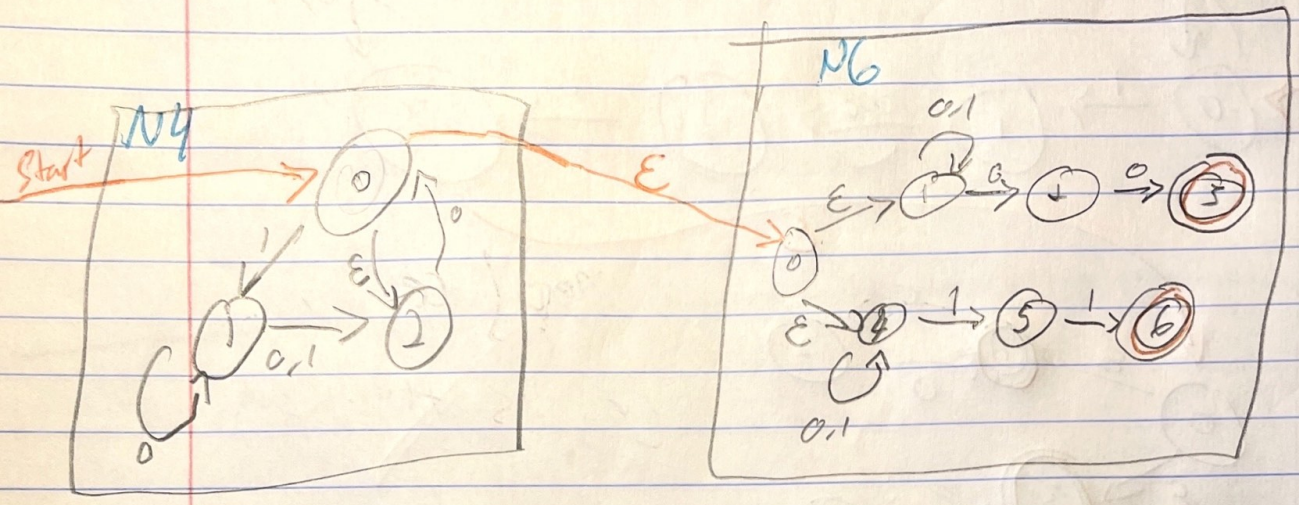
a->d1(S, C) -> list<State>{S2, S1, ...}
a->d1(0, 1) = {1}
a->d2(0) = {2}
b->d1(0,1) = {}
b->d2(0) = {1, 4}

a->d1(1,1) = {2}
b->d1(,) = {}

Pair. First

{1}, {}

N4 ∘ N6

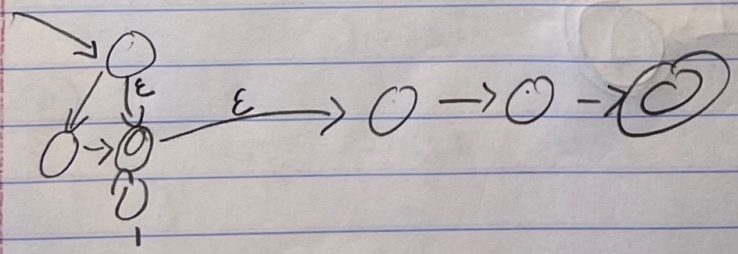


Accepts {000}

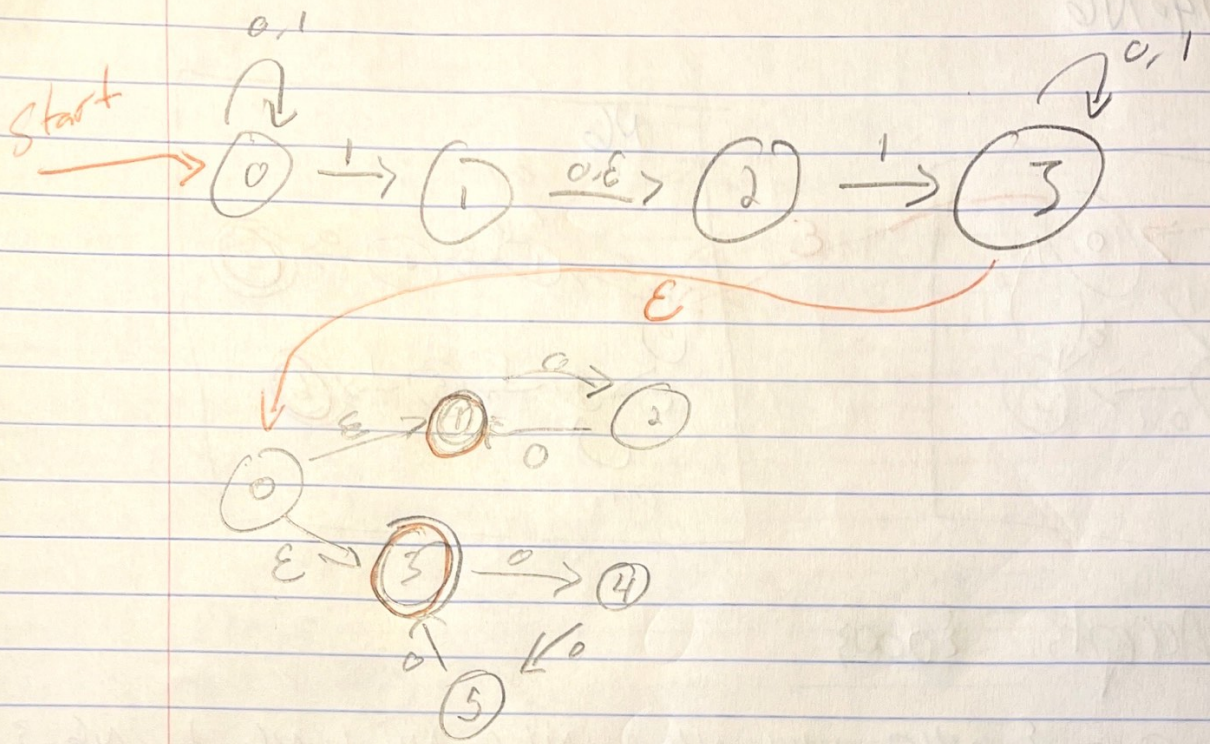
Q = { N40, N41, N42, N60, N61, N62, N63, N64, N65, N66 }

Q = (0,0) (0,1) (0,2) (1,0) (1,1) (1,2) (1,3) (1,4) (1,5) (1,6)

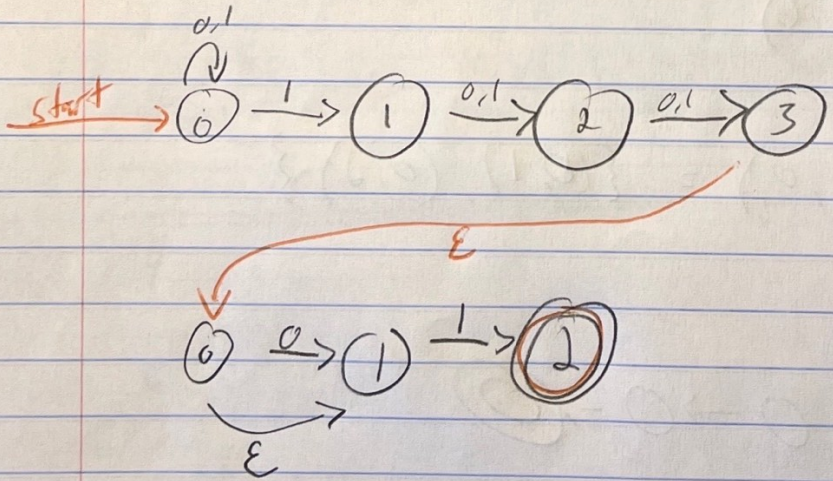
$\delta((0,1),0) = \{(0,1),(0,2)\}$



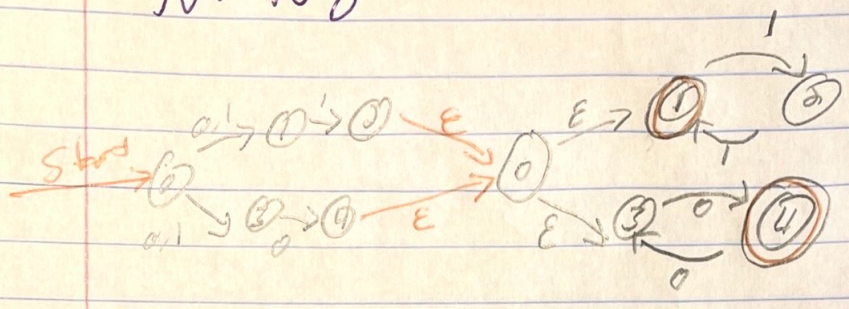
N1 ∘ N3


start
0
1
2
3
0,1
1
0,ε
1
0,1
ε
ε
1
2
0
ε
3
0
4
0
5

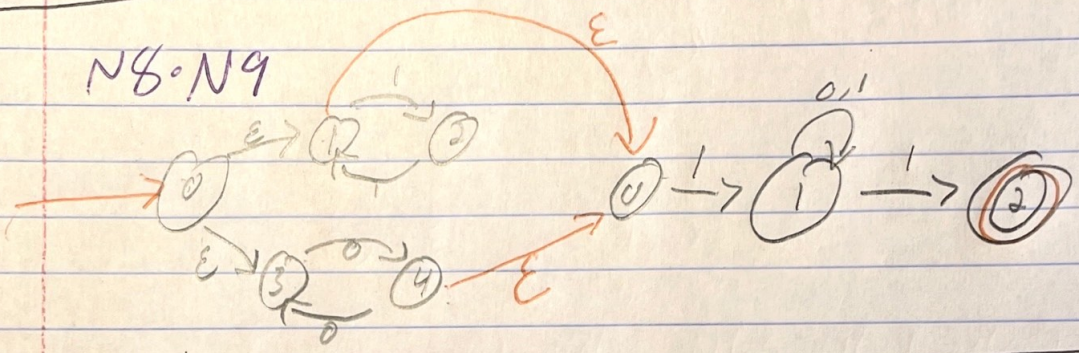
N2 ∘ N13


start
0
0,1
1
1
0,1
2
0,1
3
ε
0
0
1
1
2
ε

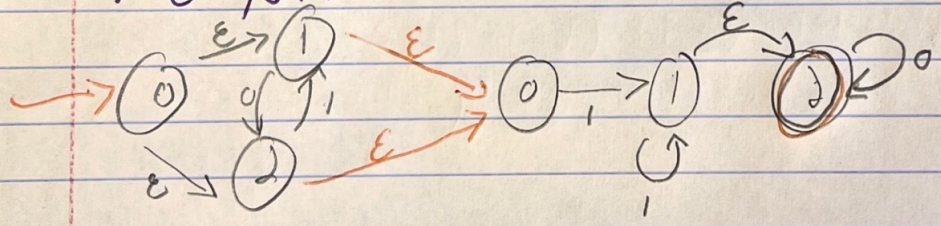
N7 ∘ N8



N8 ∘ N9



N10 ∘ N14



N6 ∘ N4