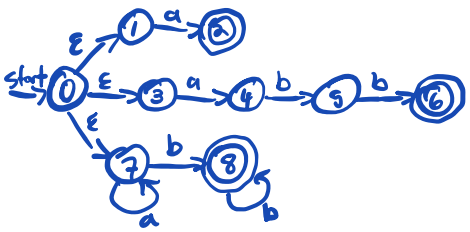
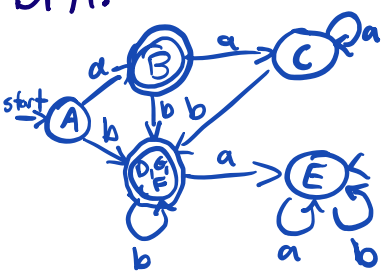
NFA:



DFA:



ε-closure({0}) = {1,3,7} → A
move({1,3,7}, a) = {2,4,7}
ε-closure({2,4,7}) = {2,4,7} → B
move({2,4,7}, a) = {7}
ε-closure({7}) = {7} → C
move({7}, a) = {7}
ε-closure({7}) = {7}
move({7}, b) = {8}
ε-closure({8}) = {8} → D
move({8}, a) = {}
ε-closure({}) = {} → E
move({8}, b) = {8}
ε-closure({8}) = {8}
move({2,4,7}, b) = {5,8}
ε-closure({5,8}) = {5,8} → F
move({5,8}, a) = {}
ε-closure({}) = {}
move({5,8}, b) = {6,8}
ε-closure({6,8}) = {6,8} → G
move({6,8}, a) = {}
ε-closure({}) = {}
move({6,8}, b) = {8}
ε-closure({8}) = {8}
move({1,3,7}, b) = {8}
ε-closure({8}) = {8}

NFA State	DFA State	a	b
{0,1,3,7}	A	B	D
{2,4,7}	B	C	F
{7}	C	C	D
{8}	D	E	D
{}	E	E	E
{5,8}	F	E	G
{6,8}	G	E	D