M = (Q, Σ, δ, q1, F)

Q = {q1, q2, q3, q4, q5, q6, q7, q8, q9}

Σ = {a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z, @, .}

δ = Q × Σ → Q is described as

|  | a, b, c, d, e, f, h, i, j, k, l, m, n, p, q, s, t, u, w, x, y, z | @ | . | g | o | v | r |
| --- | --- | --- | --- | --- | --- | --- | --- |
| q1 | q2 | q9 | q9 | q2 | q2 | q2 | q2 |
| q2 | q2 | q3 | q1 | q2 | q2 | q2 | q2 |
| q3 | q4 | q9 | q9 | q4 | q4 | q4 | q4 |
| q4 | q4 | q9 | q5 | q4 | q4 | q4 | q4 |
| q5 | q4 | q9 | q9 | q6 | q4 | q4 | q4 |
| q6 | q4 | q9 | q5 | q4 | q7 | q4 | q8 |
| q7 | q4 | q9 | q5 | q4 | q4 | q8 | q4 |
| q8 | q4 | q9 | q5 | q4 | q4 | q4 | q4 |
| q9 | q9 | q9 | q9 | q9 | q9 | q9 | q9 |

q1 is the start state

F = {q8}