



States: $Q = \{q_0, q_1, \dots, q_\ell\}$

Alphabet: $\Sigma = \{\sqcup, 0, 1\}$

Program:

$(q_0, \sqcup, 0, R, q_1)$

\vdots

$(q_7, 0, \sqcup, L, q_5)$

\vdots

$(q_\ell, 1, 1, L, q_{10})$

Alan Turing, 1936