

Shift-And

In general we will update the i -th column of $R^0[n, m]$, which is R_i^0 , by using the formula $R_i^0 = ((R_{i-1}^0 \gg 1) \vee 10^{m-1}) \& \Sigma(t_i)$ for each new character of i . If $R^0(i, m) = 1$, report a match at position i .