|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | # | b | *j*-1 e | *j* l | i | e | v | e | *n* |
| # | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |  |
| *i*-1 b | 1 |  |  |  |  |  |  |  |  |
| *i*  e | 2 |  |  |  |  |  |  |  |  |
| l | 3 |  |  |  |  |  |  |  |  |
| e | 4 |  |  |  |  |  |  |  |  |
| i | 5 |  |  |  |  |  |  |  |  |
| v | 6 |  |  |  |  |  |  |  |  |
| *m*  e | 7 |  |  |  |  |  |  |  | GOAL |

Algorithm

for *i* = 0, 1, 2 … *m*:

E(*i*, 0) = *i*

for *j* = 1,2, …, *n*:

E(0, *j*) = *j*

for *i* =1, 2, … *m*:

for *j* = 1, 2, …, n:

E(*i*, *j*) = min{E(*i*-1, *j*) =1, E(*i*, *j*-1) + 1, E(*i*-1, *j*-1) + diff(*i*, *j*)}

return E(*m*, *n*)