“pzzel” ↔ “puzzle” (x*String* ↔ *yString*)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 0 **L** | 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | 0 **L** | 1 **L** | 2 | 3 | 4 | 5 |
| 2 | 1 **N** (invalid all) | 1 **(RN)** (invalid ins.) | 1 **L** | 2 | 3 | 4 |
| 3 | 2 **N** (invalid all) | 2 **N** (invalid all) | 1 **(RN)** (invalid ins.) | 1 **L** | 2 | 3 |
| 4 | 3 **N** (invalid all) | 3 **N** (invalid all) | 2 **N** (invalid all) | 2 **(T)** | 2 | 2 |
| 5 | 4 **N** (invalid all) | 4 **N** (invalid all) | 3 **N** (invalid all) | 3 **N** (invalid all) | 2 **(T)** | 3 **L** |

**(T)**: being traced (intermediate cell state); **L**: lightest editing; **N**: non lightest editing; **(RN)**: relatively non lightest editing (intermediate cell state)

“apply” ↔ “test”

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | t | e | s | t |
|  | 0 **L** | 1 | 2 | 3 | 4 |
| a | 1**(T)** | 1 | 2 | 3 | 4 |
| p | 2 **N** (invalid all) | 2**(RN)** (invalid ins.) | 2 | 3 | 4 |
| p | 3 **N** (invalid all) | 3**(RN)** (invalid ins.) | 3 | 3 | 4 |
| l | 4 **N** (invalid all) | 4**(RN)** (invalid ins.) | 4 | 4 | 4 |
| y | 5 **N** (invalid all) | 5**(T)** | 5 | 5 | 5 |

**(T)**: being traced (intermediate cell state); **L**: lightest editing; **N**: non lightest editing; **(RN)**: relatively non lightest editing (intermediate cell state)

“apply” ↔ “execute”

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | e | | x | e | c | u | t | e |
|  | 0 **L** | 1 | | 2 **L** | | 3 **N** (invalid all) | 4 **N** (invalid all) | 5 **N** (invalid all) | 6 **N** (invalid all) | 7 **N** (invalid all) |
| a | 1 **N** (invalid all) | 1 | | 2 | | 3 **L** | 4 **N** (invalid all) | 5 **N** (invalid all) | 6 **N** (invalid all) | 7 **N** (invalid all) |
| p | 2 **N** (invalid all) | 2 **N** (invalid all) | | 2 | | 3 | 4 **L** | 5 | 6 | 7 **N** (invalid all) |
| p | 3 **N** (invalid all) | 3 **N** (invalid all) | | 3 **N** (invalid all) | | 3 | 4 | 5 **L** | 6 | 7 |
| l | 4 **N** (invalid all) | 4 **N** (invalid all) | | 4 **N** (invalid all) | | 4 **N** (invalid all) | 4 | 5 | 6 **L** | 7 |
| y | 5 **N** (invalid all) | 5 **N** (invalid all) | | 5 **N** (invalid all) | | 5 **N** (invalid all) | 5 **N** (invalid all) | 5 | 6 | 7 |