|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 0 | 0 | 3 | 1 |  |  | 4 | 2 | 3 |  | y | 6 | n |
| 1 | 0 | 0 | 3 | 1 | 3 | 0 | 9 | 1 | 2 | 12 | y | 4 | y |
| 0 | 2 | 3 |  | 1 | 1 | 2 | 12 | 2 | 4 |  | y | 4 | n |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |

NI LI

# LI # LI # LI

|  |  |  |
| --- | --- | --- |
| 0 | 0 | 3 |
| 1 | 2 | 12 |
| 2 | 4 |  |
| 0 | 0 | 9 |

RUU\_Head

RUU\_Tail

$0

$1

$2

$3

0

1

2

3

R2 = R0 \* 4

R1 = R0 + R3