

1 2 3 4 5 6 7 8 9 10

0, 9

N = 56

N = 72

0, 9

J K

J K

0 + 9

$8/2 = 4 + 4$

4, 5

$5 \times 6 = 30$

J K

4 $(4 \times 4 + 1)$

4, K

6, K

$4 + 9 = 13/2$

6 + 1

6, 7

OK;)

~~while (x < k) {
x = L + K/2;
if (A[x] > N) {
return false;
}
}
return true;~~

0 3

1 2 3 4 5 6 7 8 9 10

RICEREA-BIN(A, j, k)

if (j > k) return false;

if (A[j] == ~~N~~) return true;

~~if (A[j] > N) return false;~~ $x = (j + k) / 2$

if (A[x] > N) RICEREA-BIN(A, j, x-1)

else RICEREA-BIN(A, x+1, k)

2

4

0 + 3

1 + 3

4 / 2

2

2 or 1