Recamán's sequence

```
0, 1, 3, 6, 2, 7, 13, 20, 12, 21, 11, 22,
10, 23, 9, 24, 8, 25, 43, 62, 42, 63, 41,
18, 42, 17, 43, 16, 44, 15, 45, 14, 46, …
```

a(0) = 0;
a(*n*+1) = a(*n*-1)-n if positive and not already in,
otherwise a(*n*) = a(*n*-1)+*n*.

Nobody knows if every number eventually appears!