Ejercicio 1:

| R | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 5T | 0C | 5U | 0O | 9! | 1N | 8S | 2R | 6A | 4A | 1G | 5L | 6T | 6I | 7O | 7N |

| Cuenta | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **0** | **2** | **4** | **5** | **5** | **6** | **9** | **12** | **14** | **15** |

| S | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 0C | 0O | 1N | 1G | 2R | 4A | 5T | 5U | 5L | 6A | 6T | 6I | 7O | 7N | 8S | 9! |

| j | k sub j | S[i] = R[j] | i = Cuenta [k sub j] |
| --- | --- | --- | --- |
| 16 | 7N | 7N | 14 |
| 15 | 7O | 7O | 13 |
| 14 | 6I | 6I | 12 |
| 13 | 6T | 6T | 11 |
| 12 | 5L | 5L | 9 |
| 11 | 1G | 1G | 4 |
| 10 | 4A | 4A | 6 |
| 9 | 6A | 6A | 10 |
| 8 | 2R | 2R | 5 |
| 7 | 8S | 8S | 15 |
| 6 | 1N | 1N | 3 |
| 5 | 9! | 9! | 16 |
| 4 | 0O | 0O | 2 |
| 3 | 5U | 5U | 8 |
| 2 | 0C | 0C | 1 |
| 1 | 5T | 5T | 7 |

Orden de tiempo de ejecución: O(N)

Ejercicio 2:

