Algoritmo y prueba de escritorio

1\*Comienza

2\*N=5

3\* Índice=0

4\*limite n-1

5\*While(limite>0)

6\*While(índice<limite)

7\*Si (Aindice>Aindice+1)

8\*Pivote=Aindice+1

9\*Aindice+1=Aindice

10\*Aindice =pivote

11\*Índice=índice+1

12\*Limite=limite-1

13\*Limite=0

14\*Fin

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **n** | **a0** | **a1** | **a2** | **a3** | **a4** | **índice** | **limite** | **pivote** |
| 5 | 5 | 10 | 2 | 7 | 4 | 0 | 4 | 10 |
|  | 10 | 5 | 7 | 2 | 4 | 1 | 3 | 7 |
|  | 10 | 7 | 5 | 2 | 4 | 2 |  | 4 |
|  | 10 | 7 | 5 | 4 | 2 | 3 |  |  |
|  |  |  |  |  |  | 4 |  |  |
|  |  |  |  |  |  | 0 |  |  |