

Алгоритмический язык

нц для i от 1 до $n-1$

нц для j от 1 до $n-i$

$c := A[k, j]$

если $A[k, j] > A[k, j+1]$ то

$A[k, j] := A[k, j+1]$

$A[k, j+1] := c$

все

кц

кц

TestProject1 > main.py

main.py

```
1 A = [[0, 0, 0, 0],
2     [0, 1, 2, 2],
3     [0, 3, 7, 1],
4     [0, 5, 1, 9]]
5
6 n = 3
7 k = 2
8 print(A)
9 for i in range(1, n - 1 + 1):
10     for j in range(1, n - i + 1):
11         c = A[k][j]
12         if A[k][j] > A[k][j + 1]:
13             A[k][j] = A[k][j + 1]
14             A[k][j + 1] = c
15 print(A)
```

Run: main

```
/Users/alex/.conda/envs/TestProject1/bin/python /Users/alex/
[[0, 0, 0, 0], [0, 1, 2, 2], [0, 3, 7, 1], [0, 5, 1, 9]]
[[0, 0, 0, 0], [0, 1, 2, 2], [0, 1, 3, 7], [0, 5, 1, 9]]

Process finished with exit code 0
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Version Control | TODO | Problems | Terminal | Python Packages | Python Console | Run

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