Curriculum

Short Specializations Average: 123.28%

**0x07. Rotate 2D Matrix**

AlgorithmPython

* By: Jesse Hedden, Software Engineer
* Weight: 1
* Project will start Aug 14, 2023 6:00 AM, must end by Aug 18, 2023 6:00 AM
* Checker was released at Aug 15, 2023 6:00 AM
* An auto review will be launched at the deadline

**Requirements**

**General**

* Allowed editors: vi, vim, emacs
* All your files will be interpreted/compiled on Ubuntu 20.04 LTS using python3 (version 3.8.10)
* All your files should end with a new line
* The first line of all your files should be exactly #!/usr/bin/python3
* A README.md file, at the root of the folder of the project, is mandatory
* Your code should use the pycodestyle style (version 2.8.0)
* You are not allowed to import any module
* All modules and functions must be documented
* All your files must be executable

**Tasks**

**0. Rotate 2D Matrix**

mandatory

Given an n x n 2D matrix, rotate it 90 degrees clockwise.

* Prototype: def rotate\_2d\_matrix(matrix):
* Do not return anything. The matrix must be edited **in-place**.
* You can assume the matrix will have 2 dimensions and will not be empty.

jessevhedden$ cat main\_0.py

#!/usr/bin/python3

"""

Test 0x07 - Rotate 2D Matrix

"""

rotate\_2d\_matrix = \_\_import\_\_('0-rotate\_2d\_matrix').rotate\_2d\_matrix

if \_\_name\_\_ == "\_\_main\_\_":

matrix = [[1, 2, 3],

[4, 5, 6],

[7, 8, 9]]

rotate\_2d\_matrix(matrix)

print(matrix)

jessevhedden$

jessevhedden$ ./main\_0.py

[[7, 4, 1],

[8, 5, 2],

[9, 6, 3]]

jessevhedden$

**Repo:**

* GitHub repository: alx-interview
* Directory: 0x07-rotate\_2d\_matrix
* File: 0-rotate\_2d\_matrix.py

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