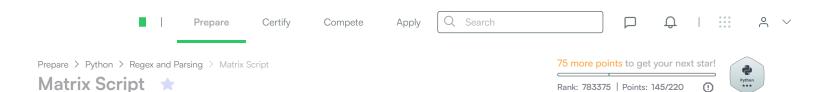
Matrix Script | HackerRank 12/21/24, 12:22 PM



Problem Submissions Leaderboard Discussions Editorial A

Neo has a complex matrix script. The matrix script is a X grid of strings. It consists of alphanumeric characters, spaces and symbols (!,@,#,\$,%,&).

## Matrix Script



Matrix Decoded

This\$#is% Matrix# %!

To decode the script, Neo needs to read each column and select only the alphanumeric characters and connect them. Neo reads the column from top to bottom and starts reading from the leftmost column.

If there are symbols or spaces between two alphanumeric characters of the decoded script, then Neo replaces them with a single space ' ' for better readability.

Neo feels that there is no need to use 'if' conditions for decoding.

Alphanumeric characters consist of: [A-Z, a-z, and 0-9].

### Input Format

The first line contains space-separated integers (rows) and (columns) respectively.

https://www.hackerrank.com/challenges/matrix-script/problem?isFullScreen=false

The next lines contain the row elements of the matrix script.

### Constraints

Note: A score will be awarded for using 'i f' conditions in your code.

#### **Output Format**

Print the decoded matrix script.

#### Sample Input 0

73

h%x

i #

Author [deleted] Difficulty Hard **Cutoff Score** 99.00 Max Score 100 Submitted By 94185 NEED HELP? View discussions View editorial **View top submissions** RATE THIS CHALLENGE \*\*\*

# MORE DETAILS

Suggest Edits





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```
$a
#t%
ir!
```

Sample Output 0

This is Matrix# %!

## Explanation 0

The decoded script is:

```
This$#is% Matrix# %!
```

Neo replaces the symbols or spaces between two alphanumeric characters with a single space '' for better readability.

Language

Руру 3

So, the final decoded script is:

This is Matrix# %!

1 #!/bin/python3 2 3 import math 4 import os 5 import random import re 7 import sys 8 9 10 11 12 first\_multiple\_input = input().rstrip().split() 13 14 n = int(first\_multiple\_input[0]) 15 16 m = int(first\_multiple\_input[1]) 17 18 matrix = []19 20 for \_ in range(n): 21 matrix\_item = input() 22 matrix.append(matrix\_item) 23

Line: 23 Col: 1

0

Test against custom input

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