



Java May'19 Advanced Practice 2 - 2 days 03:34:03

✓ Zig Zag

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Arrays

⬆ **Difficulty**

Intermediate

▼ **Allowed languages**

C#, java, JavaScript

You are given numbers **N** and **M** (**M** is always even). They form a matrix.

Example with N = 3 and M = 4

```
1  4  7 10
4  7 10 13
7 10 13 16
```

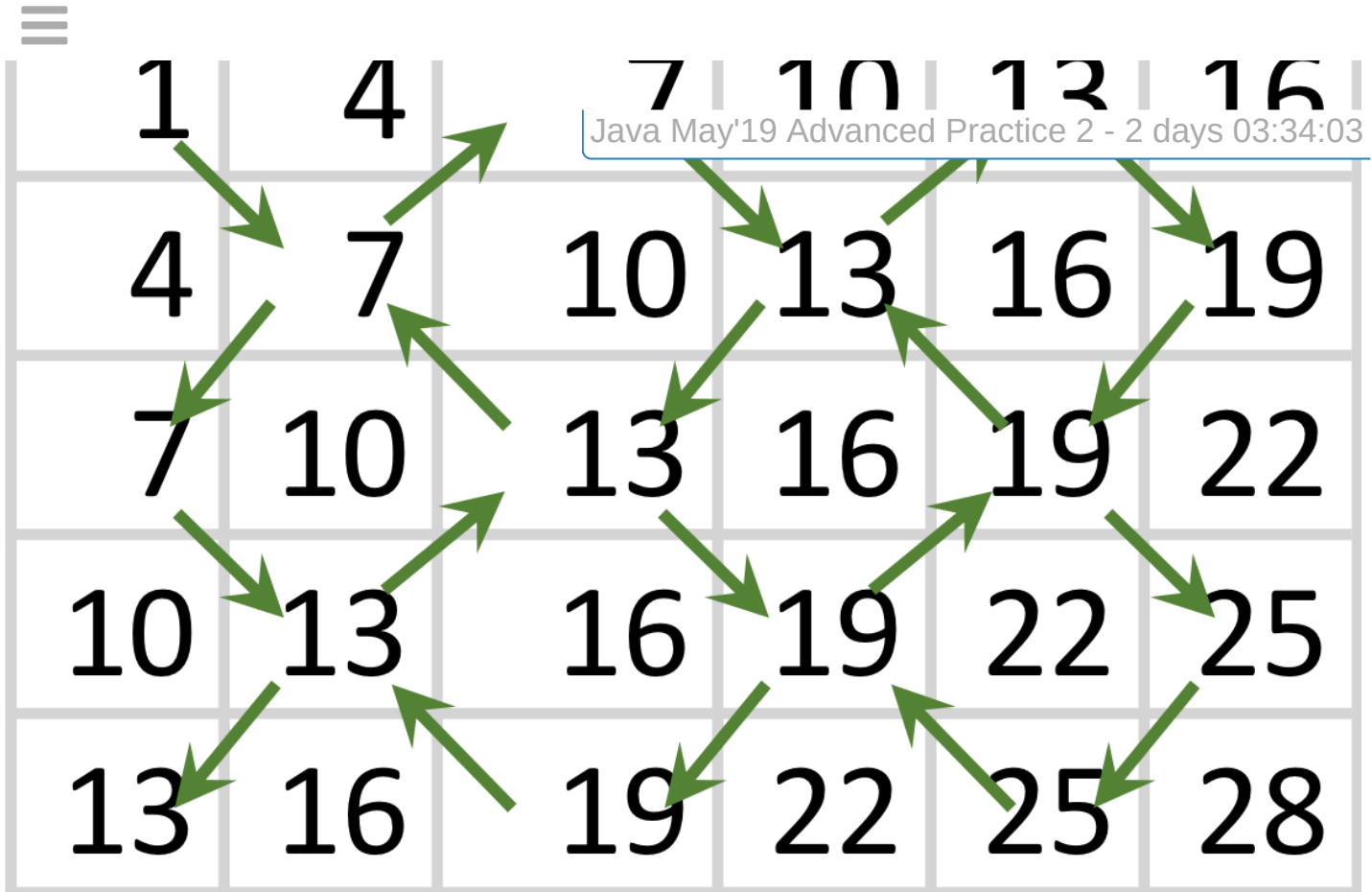
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Example with N = 5 and M = 6

```
1  4  7 10 13 16
4  7 10 13 16 19
7 10 13 16 19 22
10 13 16 19 22 25
13 16 19 22 25 28
```

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A zig-zag path in the matrix is as follows:



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You task is to find the sum of the path

Input

Read from the standard input

- On the single line of the input, read **N** and **M** (**M** is always even), separated by a space

Output

Print to the standard output

- On the single line of the output, print the sum of the path

? Clarifications

No clarifications have been made at this time.