

Mirror's Pattern

Problem

Submissions

Discussions

Problem Statement

Mirror likes to draw patterns in his notebook. Now, Mirror is learning programming and wants to recreate some of those patterns using code. However, as a new learner, Mirror is unable to create all the patterns from his notebook. So, today, Mirror needs your help to generate just one pattern based on his input.

You need to write a program that will take an integer number and create Mirror's pattern for the corresponding input.

For example,

- If $N = 5$, the mirror's pattern look like this,

```
12345
 2  4
 3  3
 4  2
54321
```

- If $N = 7$, the mirror's pattern look like this,

```
1234567
 2      6
 3      5
 4      4
 5      3
 6      2
7654321
```

Input Format

- You will be given a positive integer N as input.

Constraints

- $1 \leq N \leq 9$

Output Format

- Output the pattern

Sample Input 0

```
5
```

Sample Output 0

```
12345
 2  4
 3  3
```

```
4 2
54321
```

Sample Input 1

```
1
```

Sample Output 1

```
1
```

Sample Input 2

```
2
```

Sample Output 2

```
12
21
```



Contest ends in 2 hours 8 minutes 9 seconds

Submissions: [41](#)

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C++20



```
1 #include <map>
2 #include <set>
3 #include <list>
4 #include <cmath>
5 #include <ctime>
6 #include <deque>
7 #include <queue>
8 #include <stack>
9 #include <string>
10 #include <bitset>
11 #include <cstdio>
12 #include <limits>
13 #include <vector>
14 #include <climits>
15 #include <cstring>
16 #include <cstdlib>
17 #include <fstream>
18 #include <numeric>
19 #include <sstream>
20 #include <iostream>
21 #include <algorithm>
22 #include <unordered_map>
23
24 using namespace std;
25 int main() {
26     /* Enter your code here. Read input from STDIN. Print output to STDOUT */
27     return 0;
28 }
```

Line: 1 Col: 1

 [Upload Code as File](#) ☐ **Test against custom input**

Run Code

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