Z 101 The Spirals

Problem	Submissions	Leaderboard	Discussions

Write a program to print 1-n^2 in a spiral in a spiral order in a square matrix.

Input Format

First line has an integer N.

Constraints

1 <= N <= 100

Output Format

Print the square matrix.

Sample Input 0

```
4
```

Sample Output 0

```
1  2  3  4
12 13 14 5
11 16 15 6
10 9  8  7
```

Sample Input 1

```
5
```

Sample Output 1

```
1  2  3  4  5
16 17 18 19 6
15 24 25 20 7
14 23 22 21 8
13 12 11 10 9
```

Contest ends in 2 days

Submissions: 71
Max Score: 50
Difficulty: Medium

Rate This Challenge:
☆☆☆☆☆

More

Current Buffer (saved locally, editable)   C++14

```cpp
1  #include <cmath>
2  #include <cstdio>
3  #include <vector>
4  #include <iostream>
5  #include <algorithm>
6  using namespace std;
7
8
9  int main() {
10     /* Enter your code here. Read input from STDIN. Print output to STDOUT */
11     return 0;
12 }
13
```

Line: 1 Col: 1

☐ Test against custom input

Run Code   Submit Code