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PATTERN2

Problem

Submissions

Leaderboard

Discussions

Print the desired pattern. Samples are given.

Input Format

Integer->int

Constraints

No constraints

Output Format

Print the pattern

Sample Input 0

5

Sample Output 0

```
11111
10001
10101
10001
11111
```

Sample Input 1

4

Sample Output 1

```
1111
1001
1001
1111
```

[f](#) [t](#) [in](#)

Submissions: 16

Max Score: 100

Difficulty: Medium

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Java 15 ▾



```
1 import java.io.*;
2 import java.util.*;
3
4 public class Solution {
5
6     public static void main(String[] args) {
7         Scanner sc = new Scanner(System.in);
8         int n = sc.nextInt();
9         int num = n;
10        for(int i = 0; i < n; i++){
11            for(int j = 0; j < n; j++){
```

```
12         int a = max(max(n - i, n - j), max(n - (n - 1 - i) , n - (n - 1 - j)));
13     }
14     if(n % 2 == 0){
15         System.out.print((a + 1) % 2);
16     }
17     else{
18         System.out.print(a % 2);
19     }
20     System.out.println();
21 }
22 }
23
24 public static int max(int a, int b){
25     if(a > b)
26         return a;
27     if(a < b)
28         return b;
29     return a;
30 }
31 }
```

Line: 1 Col: 1

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