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
```

Submissions: 16
Max Score: 100
Difficulty: Medium

Rate This Challenge:
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More

Java 15

```java
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 ▾            if(n % 2 == 0){
14                  System.out.print((a + 1) % 2);
15              }
16 ▾            else{
17                  System.out.print(a % 2);
18              }
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

⬆ Upload Code as File   ☐ Test against custom input | Run Code | | Submit Code |