```java
import java.lang.reflect.Array;
import java.util.Arrays;
import java.util.Scanner;

public class MagicSquare {

    public static void main(String[] args) {
            // make that thing
            Scanner steve = new Scanner(System.in);
            System.out.println("Please input an ODD number: ");
            int n = steve.nextInt();
            int c = n / 2;
            int r = n - 1;
            int[][] magic = new int[n][n];

            // fill it up
            // System.out.print();
            magic[r][c] = 1;
            for (int k = 2; k <= (n * n); k++) {

                    if ((r == n - 1 && c == n - 1) || (magic[(r + 1) % n][(c + 1) % n] != 0)) {
                            r = (r - 1) % n;
                    } else {
                            r = (r + 1) % n;
                            c = (c + 1) % n;
                    }

                    magic[r][c] = k;

            }

            // print
            for (int i = 0; i < n; i++) {
                    for (int j = 0; j < n; j++) {
                            if (magic[i][j] < 100) {
                                    System.out.print(" ");
                                    if (magic[i][j] < 10) {
                                            System.out.print(" " + magic[i][j] + " ");
                                    } else {
                                            System.out.print(magic[i][j] + " ");
                                    }
                            } else {
                                    System.out.print(magic[i][j] + " ");
                            }

                    }
                    System.out.println(" ");
            }
```

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    }

}
```