

[All Contests](#) > [stage_2](#) > Pattern 1

Pattern 1

locked

Problem

Submissions

Leaderboard

Discussions

print the pattern. Sample output is given.

Input Format

Input should be an Integer.

Constraints

$1 \leq N \leq 100$

Output Format

Output should be desired pattern.

Sample Input 0

6

Sample Output 0

```
*   *
*   *
*   *
**
*   *
*   *
```

Sample Input 1

7

Sample Output 1

```
*   *
*   *
*   *
*   *
*   *
*   *
*   *
```

[f](#) [t](#) [in](#)Submissions: [74](#)

Max Score: 100

Difficulty: Medium

Rate This Challenge:

☆☆☆☆☆

[More](#)

C ▾



```
1▼ #include <stdio.h>
2  #include <string.h>
3  #include <math.h>
4  #include <stdlib.h>
5
6▼ int main() {
7
8▼     /* Enter your code here. Read input from STDIN. Print output to STDOUT */
9     int n,i,j;
```

```
10  scanf("%d",&n);
11  if(n%2==1)
12  {
13      for(i=0;i<n;i++)
14      {
15          for(j=0;j<n;j++)
16          {
17              if(i==j || (i+j==n-1))
18              {
19                  printf("*");
20              }
21              else{
22                  printf(" ");
23              }
24          }
25          printf("\n");
26      }
27  }
28
29  else
30  {
31      for(i=0;i<n/2;i++)
32      {
33          for(j=0;j<n;j++)
34          {
35              if(n%2!=0 && i==n/2 && j==n/2+1)
36                  printf("*");
37              if(i==j || (i+j==n-1))
38              {
39                  printf("*");
40              }
41              else{
42                  printf(" ");
43              }
44          }
45          printf("\n");
46      }
47      for(i=0;i<n/2-1;i++)
48      {
49          for(j=0;j<n/2-2-i;j++)
50              printf(" ");
51          printf("*");
52          for(j=0;j<2*(i+1);j++)
53              printf(" ");
54          printf("*");
55          printf("\n");
56      }
57  }
58
59  return 0;
60 }
61
```

Line: 1 Col: 1

 [Upload Code as File](#) ☐ Test against custom input[Run Code](#)[Submit Code](#)[Contest Calendar](#) | [Interview Prep](#) | [Blog](#) | [Scoring](#) | [Environment](#) | [FAQ](#) | [About Us](#) | [Support](#) | [Careers](#) | [Terms Of Service](#) | [Privacy Policy](#) | [Request a Feature](#)