

```
1 //
2 // Created by hfwei on 2023/10/11.
3 //
4
5 #include <stdio.h>
6
7 int main(void) {
8     int lines = 0;
9     scanf("%d", &lines);
10
11     // TODO: print stars pyramid
12     for (int i = 0; i < lines; ++i) {
13         // print lines - 1 - i spaces
14         for (int j = 0; j < lines - 1 - i; ++j) {
15             printf(" ");
16         }
17
18         // print 2 * i + 1 stars
19         for (int j = 0; j < 2 * i + 1; ++j) {
20             printf("*");
21         }
22
23         if (i < lines - 1) {
24             printf("\n");
25         }
26     }
27
28     return 0;
29 }
```