

```
1  #include <stdio.h>
2
3  int main() {
4      int A[1000];
5      int N, i;
6      scanf("%d", &N);
7
8      int max = 0;
9      for(i = 0; i < N; ++i) {
10         scanf("%d", &A[i]);
11         if(A[i] > max) {
12             max = A[i];
13         }
14     }
15
16     int height;
17     for(height = max; height > 0; --height) {
18         for(i = 0; i < N; ++i) {
19             if(A[i]-height >= 0) {
20                 printf("*");
21             } else {
22                 printf(" ");
23             }
24         }
25         printf("\n");
26     }
27
28     return 0;
29 }
30
```