

```

1  /// Quiz 3 (2554-2 Type 1): Vertical A1*
2
3  #include <stdio.h>
4
5  void main() {
6      int N;
7      scanf("%d", &N);
8      int D = (N+1)/2;
9      int Thr = N / 2;
10     int anchor = N/2;
11
12     int row, col;
13     for(row = 0; row < D; ++row) {
14         int diffRow = row;
15
16         for(col = 0; col < N; ++col) {
17             int diffCol = col - anchor;
18             if(diffCol < 0)
19                 diffCol = -diffCol;
20
21             if(diffRow + diffCol <= Thr) {
22                 printf("A");
23             } else if(col < Thr) {
24                 printf("1");
25             } else {
26                 printf("*");
27             }
28         }
29
30         printf("\n");
31     }
32 }

```