



new*



```
1 #include <iostream>
2 using namespace std;
3
4 int main() {
5     int rows = 4;
6
7     for (int i = rows; i >= 1; i--) {
8
9
10    for (int s = 0; s < rows - i; s++) {
11        cout << " ";
12    }
13
14
15    for (int j = 1; j <= i; j++) {
16        cout << "*";
17    }
18
19    cout << "\n";
20}
21
22 return 0;
23 }
```



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[Program finished]





new*



```
1 #include <iostream>
2 using namespace std;
3 int main () {
4
5
6
7
8 for(int i = 4; i > 0; i--) {
9
10    for(int j = 0; j < i; j++)
11        cout << "*";
12        cout << "\n";
13    |
14 }
15
16 }
17 }
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[Program finished]





new*



```
1 #include <iostream>
2 using namespace std;
3
4 int main() {
5     int rows = 3;
6
7     for (int i = 0; i < rows; i++) {
8
9
10    for (int j = 0; j < i; j++) {
11        cout << " ";
12    }
13    for (int k = 0; k < 2*(rows - i) - 1; k++) {
14        cout << "*";
15    }
16
17    cout << "\n";
18 }
19
20 return 0;
21 }
```



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[Program finished]





new*



```
1 #include <iostream>
2 using namespace std;
3
4 int main() {
5     int rows = 4;
6
7     for (int i = 1; i <= rows; i++) {
8
9         for (int j = i; j < rows; j++) {
10             cout << "|";
11         }
12         for (int k = 1; k <= i; k++) {
13             cout << "*";
14         }
15
16         cout << "\n";
17     }
18
19     return 0;
20 }
```



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[Program finished]
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new*



```
1 #include <iostream>
2 using namespace std;
3
4 int main() {
5     int n;
6     cin >> n;
7
8     int space = n / 2;
9     int star = 1;
10
11    for(int i = 1; i <= n; i++) {
12
13
14        for(int j = 1; j <= space; j++)
15            cout << " ";
16
17
18        for(int j = 1; j <= star; j++)
19            cout << "*";
20
21        cout << endl;
22
23        |
24        if(i <= n / 2) {
25            space--;
26            star += 2;
27        } else {
28            space++;
29            star -= 2;
30        }
31    }
32
33    return 0;
```



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7
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[Program finished]
```



GIF



1 2 3 4 5 6 7 8 9 0

q w e r t y u i o p

a s d f g h j k l



z x c v b n m

?123



English

