```cpp
#include <iostream>
using namespace std;

int main() {
    int rows = 4;

    for (int i = rows; i >= 1; i--) {


        for (int s = 0; s < rows - i; s++) {
            cout << " ";
        }


        for (int j = 1; j <= i; j++) {
            cout << "*";
        }

        cout << "\n";
    }

    return 0;
}
```

```
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```

[Program finished]

```cpp
#include <iostream>
using namespace std;
int main ( ) {



for(int i = 4; i > 0; i--) {

   for(int j = 0; j < i; j++)
      cout << "*";
   cout << "\n";
   |
}

}
```

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[Program finished]
```

```cpp
#include <iostream>
using namespace std;

int main() {
    int rows = 3;

    for (int i = 0; i < rows; i++) {


        for (int j = 0; j < i; j++) {
            cout << " ";
        }
        for (int k = 0; k < 2*(rows - i) - 1; k++) {
            cout << "*";
        }

        cout << "\n";
    }

    return 0;
}
```

```
*****
 ***
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[Program finished]
```

```cpp
#include <iostream>
using namespace std;

int main() {
    int rows = 4;

    for (int i = 1; i <= rows; i++) {

        for (int j = i; j < rows; j++) {
            cout << " ";
        }
        for (int k = 1; k <= i; k++) {
            cout << "*";
        }

        cout << "\n";
    }

    return 0;
}
```

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[Program finished]
```

```cpp
#include <iostream>
using namespace std;

int main() {
    int n;
    cin >> n;

    int space = n / 2;
    int star = 1;

    for(int i = 1; i <= n; i++) {


        for(int j = 1; j <= space; j++)
            cout << " ";


        for(int j = 1; j <= star; j++)
            cout << "*";

        cout << endl;


        if(i <= n / 2) {
            space--;
            star += 2;
        } else {
            space++;
            star -= 2;
        }
    }

    return 0;
```

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[Program finished]
```