

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

int main() {
    // have to be a little careful with do-while loops:
    // it's not always possible to write one that means the
    // same thing as the corresponding for or while loop
```

```
    int a = 3;

    do {
        int i = 7;
        do {
            int j = 11;
            do {
                cout << "*";
                j--;
            } while (j > i);
            cout << endl;
            i--;
        } while (i > a);
    } while (i > a);

    return 0;
}
```