

Program to Inverted Half-Pyramid Using *(12)

```
#include <iostream>
using namespace std;
int main() {
    int rows;
    cout << "Enter number of rows: ";
    cin >> rows;
    for(int i = rows; i >= 1; --i) // corresponds to a row in the inverted pyramid
    {
        for(int j = 1; j <= i; ++j) // corresponds to a column in the current row
        {
            cout << "* ";
        }
        cout << endl;
    }

    return 0;
}
```

Program to Print a Full Pyramid Using *

```
#include <iostream>
using namespace std;
int main() {
    int space, rows;
    cout << "Enter number of rows: ";
    cin >> rows;
    for(int i = 1, k = 0; i <= rows; ++i, k = 0) {
        for(space = 1; space <= rows-i; ++space) {
            cout << " ";
        }

        while(k != 2*i - 1) {
            cout << "* ";
            ++k;
        }
        cout << endl;
    }
    return 0;
}
```