Write a program to print Pyramid pattern using stars

Description

Get the number of lines as the input and print stars in that many lines or rows in a pyramid shape.

Input

4

Output

```
   *
  ***
 *****
*******
```

C Program

```c
#include <stdio.h>
int main()
{
    int i, j, k, rows;
    printf("Enter number of rows");
    scanf("%d", &rows);
    for(i=1; i<=rows; i++)
    {
        for(j=i; j<rows; j++)
            printf(" ");
        for(k=1; k<=(2*i-1); k++)
            printf("*");
        printf("\n");
    }
    return 0;
}
```
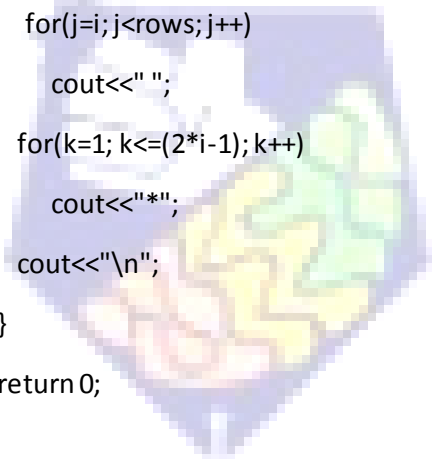
C++ Program

```cpp
#include <iostream>
using namespace std;
int main()
{
    int i, j, k, rows;
    cout<<"Enter number of rows: ";
    cin>>rows;
    for(i=1; i<=rows; i++)
    {
        for(j=i; j<rows; j++)
            cout<<" ";
        for(k=1; k<=(2*i-1); k++)
            cout<<"*";
        cout<<"\n";
    }
    return 0;
}
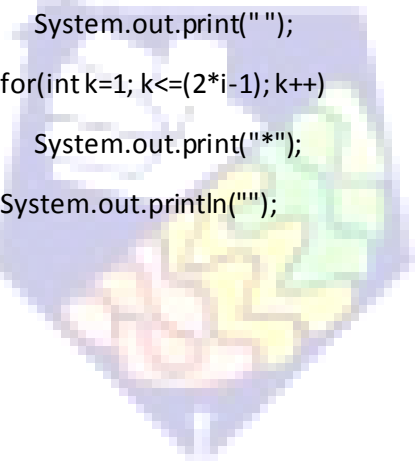```

**Java**

```java
import java.util.Scanner;

public class Main
{
        public static void main(String[] args) {
                Scanner sc = new Scanner(System.in);
                System.out.print("Enter the number of rows: ");
                int rows = sc.nextInt();
                for(int i=1; i<=rows; i++)
  {
    for(int j=i; j<rows; j++)
      System.out.print(" ");
    for(int k=1; k<=(2*i-1); k++)
      System.out.print("*");
    System.out.println("");
  }
}
}
```

Python

```python
rows=int(input("Enter the number of rows: "))
for i in range(0,rows+1):
    for j in range(i,rows):
        print(" ",end="")
    for k in range(0,2*(i-1)+1):
        print("*",end="")
    print()
```