



Q1. Write a C++ program that asks the user to enter an integer number. The program should then use nested for loops to display a right-angled triangle pattern made of asterisks (*). The number of rows in the pattern must be equal to the value entered by the user.

Sample Output

```
Enter the number of rows: 4

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

Q2. Write a C++ program that asks the user to enter the number of rows and prints a right-angled triangle pattern using nested for loops, where odd-numbered rows contain asterisks (*) and even-numbered rows contain hash symbols (#).

Sample Output

```
Enter number of rows: 7

*
# #
* * *
# # # #
* * * * *
# # # # # #
* * * * * * *
```

Q3. Write a C++ program that asks the user to enter the number of rows and prints a right-angled triangle pattern using nested for loops, where odd-numbered rows contain asterisks (#) and even-numbered rows contain hash symbols (*).

Sample Output

```
Enter number of rows: 5

# # # # &
* * * &
# # &
* &
&
```



Q4. Write a C++ program that asks the user to enter the number of rows and prints a right-angled triangle pattern using nested for loops, where odd-numbered columns contain asterisks (*) and even-numbered columns contain hash symbols (#).

Sample Output

```
Enter number of rows: 3
*
* #
* # *

Press y or Y to continue or any other letters to quit the program: y

Enter number of rows: 5
*
* #
* # *
* # * #
* # * # *

Press y or Y to continue or any other letters to quit the program: n
```