**Lab Activity-12:**

1. Design a function to compute the value of **nCr** by accepting the value of **n** and **r** from the user in the calling program. WACP to implement the function and display the final computed value in the calling program.
2. Design a function that accepts a character and returns true if the character is vowel and false otherwise. WACP to implement the function and find the number of vowels present in the accepted stream of N characters in the calling program. Display the numbers of vowels in the calling program.
3. Design a function to print the pattern shown below by accepting the number of rows from the user in the main program. Implement the function using a C program.

For Example Rows=5

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\***Note: Write at least three test cases to test the inputs by giving it to each of above the listed**

**programs.**