**Lab Activity-10:**

1. WACP to generate prime numbers in a range from 1 to N by accepting the value of N from the user. Implement only using loops.
2. WACP to print the following pattern by accepting the value of N from the user.

For Ex. When N=5

**1**

**2 2**

**3 3 3**

**4 4 4 4**

**5 5 5 5 5**

1. WACP to count the number of vowels and consonants by accepting a stream of N characters from the user. (Hint: make use of switch)

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

**programs.**