**Java Assignments**

1. Generate a pattern for the entered string as shown in example.

Input:

Enter a string: intern12

Output:

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int

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inter

intern

intern1

Intern12

1. Chocolate distribution task: User will enter number of chocolates and number of people. Here the people are sitting in a straight line, distribute the chocolates such that, you distribute the chocolates one by one starting from the first person and going to the last, then last to first, and so on until you run out of chocolates. Distribute the chocolate and return the number of chocolates each person has.

Input

Number of chocolates: 4

Number of people: 5

Output: 1 1 1 1 0

Input

Number of chocolates: 7

Number of people: 5

Output: 1 1 1 2 2

Input

Number of chocolates: 12

Number of people: 5

Output: 3 3 2 2 2