C18 – Lists **Problem Statement: Circular List Elimination**

You are given a **list with n elements**, labeled from 1 to n. You are also given an integer k (where k ≥ 1). Perform the following process:

1. Start counting from the **first element** in the list.
2. Count up to k. The **k-th element** is **removed** from the list.
3. Resume counting from the **next element** after the one just removed.
4. Treat the list as **circular** — when you reach the end, continue from the beginning.
5. Repeat this process until the list is **empty**.

Your task is to **simulate this elimination process** and print the order in which elements are removed from the list.

Input:

- An integer n representing the number of elements.
- An integer k representing the counting step.

Example:

If n = 5 and k = 3, the elimination proceeds like this:

- Start: [1, 2, 3, 4, 5] → count 1→2→**3** → remove 3
- Next: [1, 2, 4, 5] → count 4→5→**1** → remove 1
- Next: [2, 4, 5] → count 2→4→**5** → remove 5
- Next: [2, 4] → count 2→4→**2** → remove 2
- Final: [4] → remove 4

Output: 3 1 5 2 4