## **Homework 1: Counting Game**

We have **n** people numbered from **1** to **n** in a circle, which participate in a *Counting Game*. The game has the following rules:

1. We start counting from a person with number **1**.
2. We count next **m** persons participating in the game. The last counted person (**m**-th person) leaves the circle.
3. We repeat step 2 (by countinuing to count from the next person after the person that leaved the circle on previuos step), until there is only one participant left in the circle. Let the number of that participant to be **p**.

Implement a class with a method **findWinner**:

**int findWinner(int n, int m)**

which receives **n** and **m** as arguments and returns **p** as a result.

Write a Java code that inputs **n** and **m**, and outputs the result **p** from/to the console.

Examples: **findWinner( 8, 3 ) --**> **7, findWinner( 11, 5 ) --**> **8**