Josephus Problem

1. ***Josephus Problem:*** In the Josephus problem from antiquity, N people are in dire straits and agree to the following strategy to reduce the population. They arrange themselves in a circle (at positions numbered from 0 to N–1) and proceed around the circle, eliminating every M th person until only one person is left. Legend has it that Josephus figured out where to sit to avoid being eliminated. Write a Josephus client that takes N and M from the input and prints out the order in which people are eliminated (and thus would show Josephus where to sit in the circle).

**Input Format:**

* The first line of the input contains the number of test cases.
* Each line of the test case contains two values, The first value is the number of persons n, and the second value is m that are separated by spaces.

**Output Format:**

* Print the order in which people are eliminated that are separated by spaces.

**Sample Input #1:**

**2**

**7 2**

**3 5**

**Sample Output #1:**

**1 3 5 0 4 2 6**

**1 2 0**