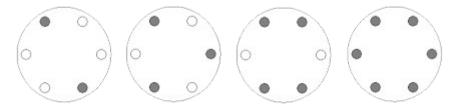
# 12. Centrifuge Balance Checker

#### **Condition:**

A centrifuge is a laboratory device used to separate liquids based on their density. The separation is achieved by centrifugal force, by spinning test tubes at high speeds. You need to create a program that takes two numbers as arguments,  $`\mathbf{n}$  ` and ` $\mathbf{k}$  `, and returns  $\mathbf{true}$  if the configuration is in balance, and  $\mathbf{false}$  if it is not. The balance check is performed based on these parameters.



### **Input:**

- `n`: An integer representing the number of holes in the centrifuge.
- $\bullet$  ` k ` : An integer representing the number of sample tubes.

## **Output:**

• `true` or `false`, depending on whether the configuration is in balance or not.

### **Examples:**

Input	Output
6, 4	true
2, 1	false