

```
/**
 * Computes the remainder of the Euclidean division of a by b. In contrast to
 * the Java version a % b, the output will always be positive. Throws
 * ArithmeticException when b is equal to 0.
 *
 * (The goal of this example is not to create an efficient implementation, but
 * to illustrate coverage.)
 *
 * @param a dividend
 * @param b divisor != 0
 * @return remainder r with  $0 \leq r < b$ 
 */
public static int modulo(int a, int b) {
```