Modulo problem in (++i-

In C++, the result of a 1. b depends on the sign of a 1the dividend), while the divisor b determines the possible values for the result. specifically, C++ uses truncation towards sero for the divisor, meaning it peops the quotient as close to zero (rounding towards uso, not towards negative infinity).

This results in the remainder (a) b) having the same sign as the dividende a in most cases.

Fining the Boblini-

To ensure the modulus operation always returns a non-regative result (like in Python or mathematical conventions), we use the following technique