public static int mod(int a, int b) {

assert b > 0 : "Violation of: b > 0";

int remainder = a % b;

if (a < 0 && remainder != 0) {

remainder = remainder + b;

}

return remainder;

}

0 <0,90>

1 < >

2 <432,-788>

3 < >

4 <54,84,-6>

5 <-195>

6 < >

7 <17 >

8 < >

9 <-101>

0 <54,-101,90>

1 < 0>

2 < 84 >

3 < >

4 <432 >

5 <-196>

6 <-6>

7 <17 >

8 <-788>

9 < >