```java
package Exercise;

import java.util.Scanner;

public class Exercise31 {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        int a;
        int b;

        System.out.print("첫 번째 숫자를 입력하시오 : ");
        a = scanner.nextInt();
        System.out.print("두 번째 숫자를 입력하시오 : ");
        b = scanner.nextInt();

        int bigNum = ((a + b) + Math.abs(a - b)) / 2;
        int smallNum = ((a + b) - Math.abs(a-b)) / 2;

        int share = bigNum / smallNum;
        int remain = bigNum % smallNum;

        System.out.printf("큰수를 작은 수로 나눈 몫은 %d이고, 나머지는 %d이다",share, remain);

        scanner.close();
    }
}
```