```
1 package Exercise220309;
 3 import java.util.Scanner;
 5 public class Exercise31 {
       public static void main(String[] args) throws Exception{
           Scanner <u>scanner</u> = new Scanner(System.in);
System.out.print("첫 번째 숫자를 입력하세요: ");
 8
           String strNum1 = scanner.nextLine();
 9
10
           System. out. print("두 번째 숫자를 입력하세요: ");
11
           String strNum2 = scanner.nextLine();
12
13
14
           int a = Integer.parseInt(strNum1);
15
           int b = Integer.parseInt(strNum2);
           int largeNum = ((a + b) + Math.abs(a-b)) / 2;
int smallNum = ((a + b) - Math.abs(a-b)) / 2;
16
17
18
19
           int share = largeNum / smallNum;
           int rest = largeNum % smallNum;
20
21
22
           System. out. printf("큰 수를 작은 수로 나눈 몫은 %d이고 나머지는 %d이다", share , rest);
23
       }
24 }
25
```