

```

import java.util.Scanner;

class SimpleCalculator {

    public static int add (int a, int b) {
        return a + b;
    }

    public static int Subtract (int a, int b) {
        return a > b ? a - b : b - a;
    }

    public static int multiply (int a, int b) {
        return a * b;
    }

    public static double divide (int a, int b) {
        if (b == 0 || a == 0) {
            System.out.println("Error: can not divide  
by zero.");
            return 0;
        }
    }
}

```

```
return a > b ? (double) a / b : (double)
    b / a ;
}
```

```
public static void main(String[] args) {
```

```
    Scanner input = new Scanner(System.in);
```

```
    System.out.print("Enter two numbers: ");
```

```
    int a = input.nextInt();
```

```
    int b = input.nextInt();
```

```
    System.out.printf("%.d + %.d = %.d \n", a, b,
```

```
        add(a, b));
```

```
    System.out.printf("Subtraction (larger - smaller)
```

```
    = %.d \n", subtract(a, b));
```

```
    System.out.printf("%.d * %.d = %.d \n", a, b,
```

```
        multiply(a, b));
```

```
    System.out.printf("Division (larger / smaller) = %.2f
```

```
    \n", divide(a, b));
```

```
    input.close();
```

```
    }
}
```