```java
/*
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*/

// 1

class Hallo {
  public static void main(String[] args) {
    System.out.println("Hallo Welt!");
  }
}

// 2

import java.util.Scanner;

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

        // Read dividend
        System.out.print("Enter dividend: ");
        float dividend = scanner.nextInt();

        // Read divisor
        System.out.print("Enter divisor: ");
        float divisor = scanner.nextInt();

        // Guard against div by 0
        if (divisor == 0) {
            System.out.println("Very funny. What did you expect to
happen?");
            throw new IllegalArgumentException("Argument 'divisor'
is 0");
        }

        // Calculate result
        float resultFloat = (dividend*dividend)/divisor;
        int resultInt = (int)resultFloat;
        int remainder = (int)(dividend*dividend)%(int)divisor;

        // Output
        System.out.println("--- Result: (" + dividend + "^2)/" +
divisor + " ---");
        System.out.println("Float: " + resultFloat);
        System.out.println("Int:   " + resultInt + "   Remainder: "
+ remainder);

    }
}
```

```java
// 3

// 3.1

System.out.println("1 + 2");
// Prints: 1 + 2

System.out.println(1 + 2);
// Prints: 3

System.out.println("1 + 2 = " + 2 + 3);
// Prints: 1 + 2 = 23


// 3.2

// See inline annotations

public class Problem {
    public static int a = 17; // remove 'final' keyword

    // remove semicolon following method declaration
    public static void main(String[] args) {
        int b = 24; // change boolean operator == to assign =
operator
        double c = 3.41;
        System.out.println("a = " + a);


        a = a + b; // remove 'final' keyword in declaration of a
        System.out.println("a = " + a);
        b = (int)c/2; // Explicitly cast double to int
        System.out.println("b = " + b);
    }
}
```