```java
package root;

public class types {

    public static void main(String[] args) {

        // Call a method with no parameters
        printMessage();

        // Call a method with one parameter
        int result = square(5);
        System.out.println("The square of 5 is: " + result);

        // Call a method with multiple parameters
        int sum = addNumbers(40, 20, 30);
        System.out.println("The sum of 40, 20, and 30 is: " + sum);

    }

    // Method with no parameters
    public static void printMessage() {
        System.out.println("Hello, world!");
    }

    // Method with one parameter
    public static int square(int num) {
        return num * num;
    }

    // Method with multiple parameters
    public static int addNumbers(int num1, int num2, int num3) {
```

```
        return num1 + num2 + num3;

    }

}
```


Console output:
```
<terminated> types [Java Application] /usr/lib/jvm/java-8-openjdk-amd64/bin/java (May 8, 2023, 8:35:20 AM)
Hello, world!
The square of 5 is: 25
The sum of 40, 20, and 30 is: 90
```