

```
package root;
```

```
public class jim {
```

```
    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(10, 20, 30);
```

```
        System.out.println("The sum of 10, 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;
    }
}
```

