

Example:

Using Math Methods (Functional Programming Style)

```
public class FunctionalExample {  
    public static void main(String[] args) {  
        int number = 5;  
        //Use a built-in function, not manual computations  
        int square = Math.multiplyExact(number, number);  
        System.out.println("Square of " + number + " is: " + square);  
    }  
}
```

Output

Square of 5 is: 25

Why is this functional?

- The methods calculates the value and returns it without changing anything else
- The functions takes in input and returns the same result (no change occurs)
- Method focuses on what operation is being run, not how it should perform