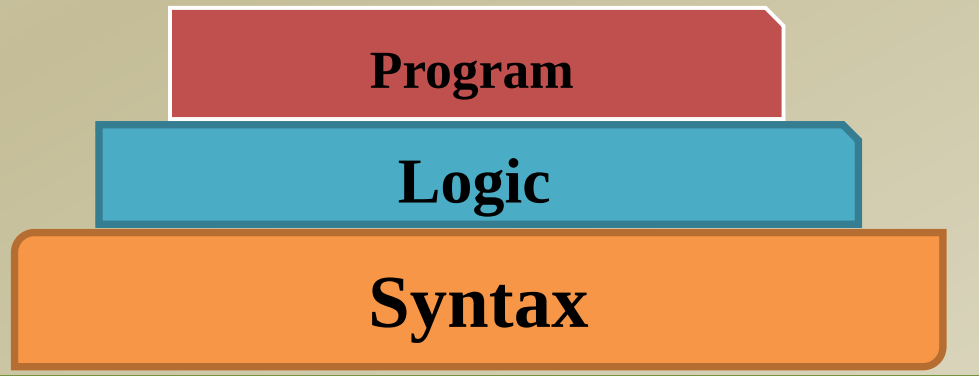
Code at Random (OPC) PVT. LTD.

Parameters in JAVA



What are Parameters?

- Information can be passed to methods as parameter. Parameters act as variables inside the method.
- Parameters are specified after the method name, inside the parentheses. You can add as many parameters as you want, just separate them with a comma.

or

- Parameters are the values that is passed to the function from outside.
- Example:- public static void myMethod(int a, int b)

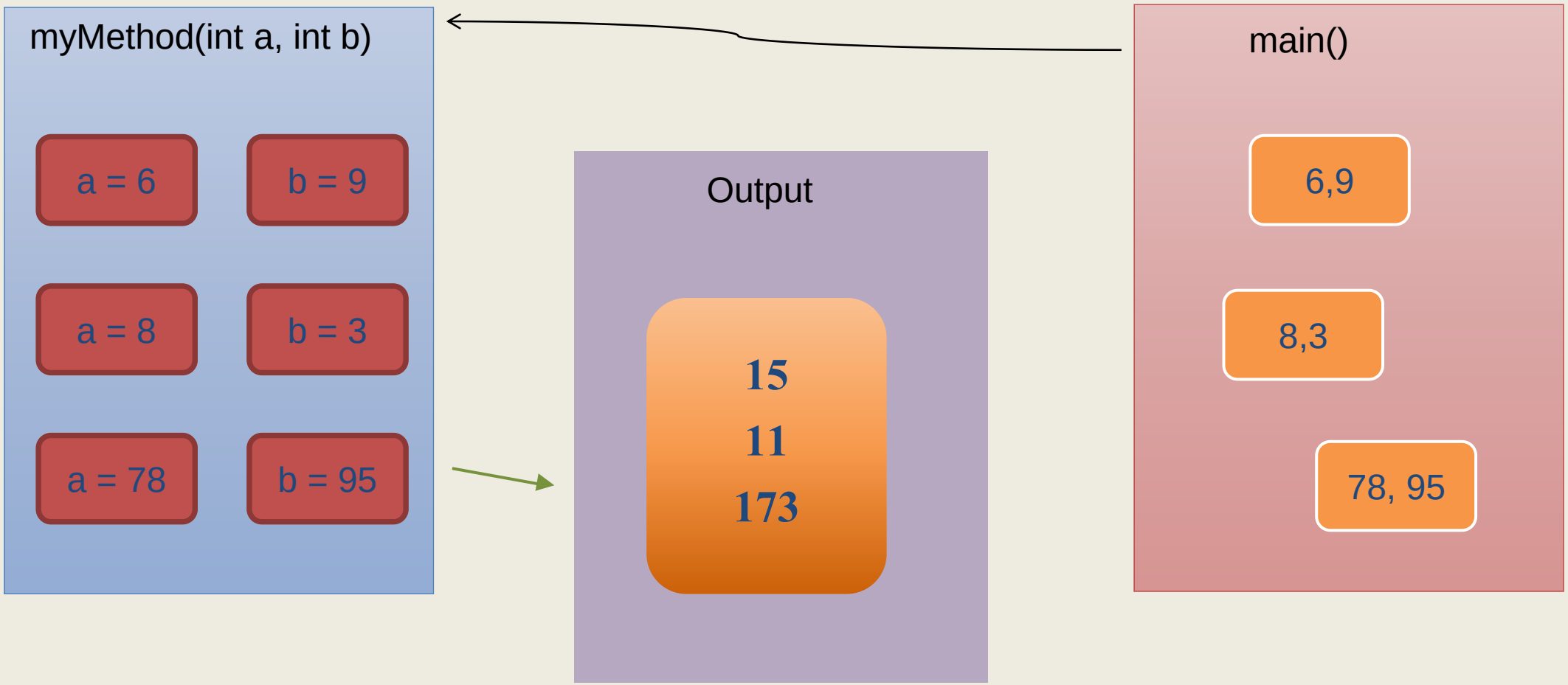
Example Passing a Parameter To A Function

- The following example has a method that takes two parameters **a and b** as integers. When the method is called, we pass two numbers which is used inside the method to print their sum:

```
public class Main {
  static void myMethod(int a, int b) {
    System.out.println(a+b);
  }
  public static void main(String[] args) {
    Main.myMethod(6,9);
    Main.myMethod(8,3);
    Main.myMethod(78,95);
  }
}
```

Graphical Representation

Values gets transferred from main() to myMethod()



Types Of Parameters In Java

Actual Parameters	Formal Parameters
• The parameters which appears in function calling statement are called actual parameters.	• The parameters which appears in function definition/prototype are called formal parameters.

• Example:-
 	
public static void main(String Args[])
{
Test ob= new Test();
✓ ob.large(5,10);
✓ Int x=5,y=10;
ob.large(x,y);
}
 	
Actual parameters
	• Example:-
	
	class test{
	void large(int a, int b)
	{
	// Body of the function
	}
	
	⟷ Formal parameters