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METHODS

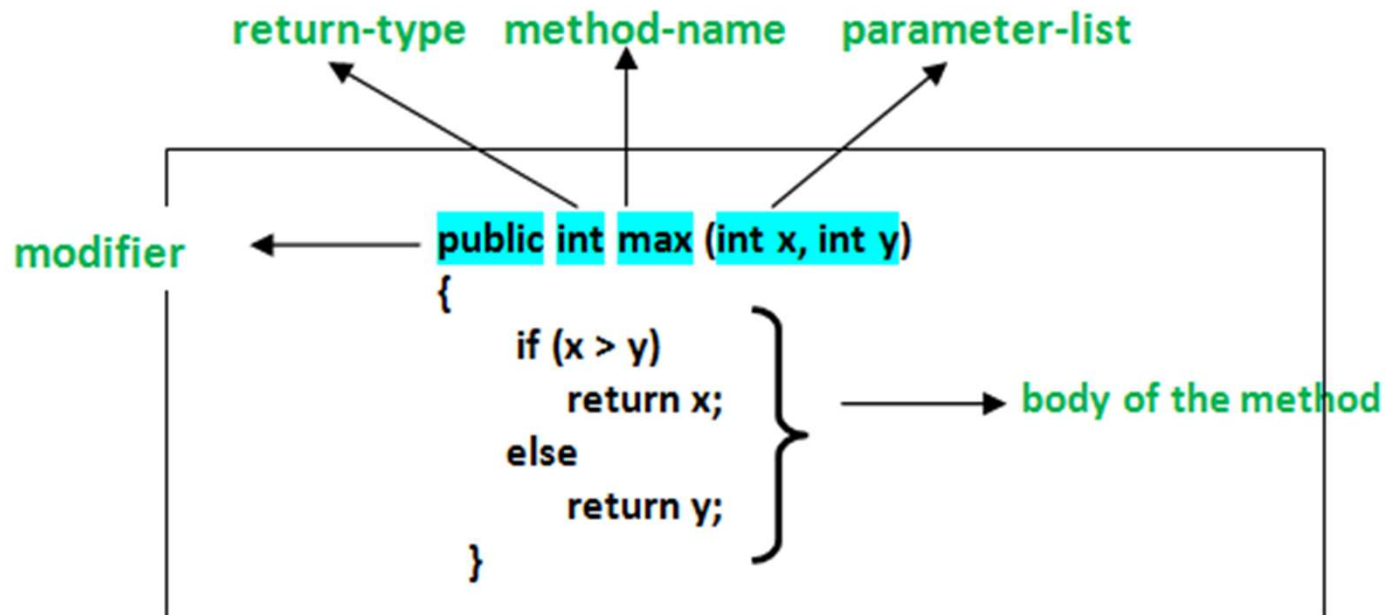


Methods

- It is a **collection of statements** that perform some specific task and return the result to the caller.
- A method can perform some specific task **without returning** anything.
- Methods allow us to **reuse** the code without retyping the code.
- In Java, every method must be **part of some class**.



Method Declaration



- Data type values can return.
- Void can't return.



Calling a Method

- Method to be invoked when,
 - Complete statement in the method
 - It reaches a return statement
 - Throws an exception
- Based on access modifier, method can be accessed.



```
class Addition {  
  
    int sum = 0;  
  
    public int addTwoInt(int a, int b){  
        sum = a + b;  
        return sum;  
    }  
}  
  
class GFG {  
    public static void main (String[] args){  
        Addition add = new Addition();  
        int s = add.addTwoInt(1,2);  
        System.out.println(s);  
    }  
}
```