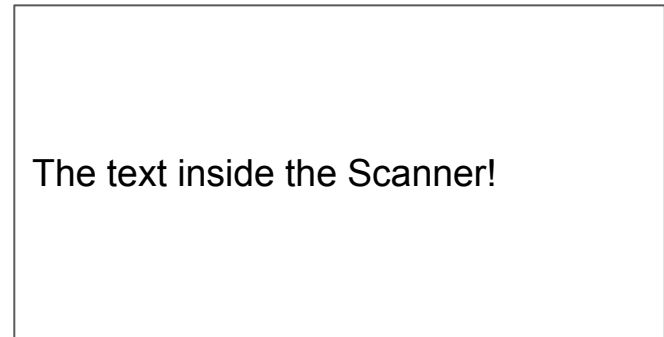


# Array Reference Semantics- when not to return

```
public static void main(String[] args) {  
    File input = new File("input.txt");  
    Scanner input = new Scanner(input);  
    method(input);  
  
    method2(input);  
}
```

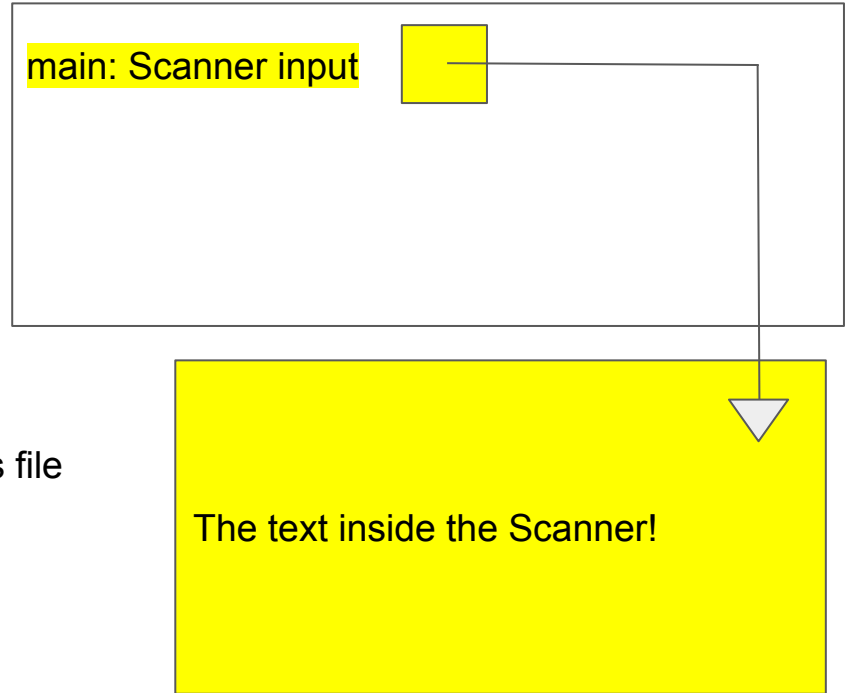
```
public static void method(Scanner input) {  
    // Code that uses the input Scanner to process file  
    input.next();  
    input.next();  
}
```

```
public static void method2(Scanner file) {  
    file.next();  
}
```



# Array Reference Semantics- when not to return

```
public static void main(String[] args) {  
    File input = new File("input.txt");  
    Scanner input = new Scanner(input);  
    method(input);  
  
    method2(input);  
}  
  
public static void method(Scanner input) {  
    // Code that uses the input Scanner to process file  
    input.next();  
    input.next();  
}  
  
public static void method2(Scanner file) {  
    file.next();  
}
```

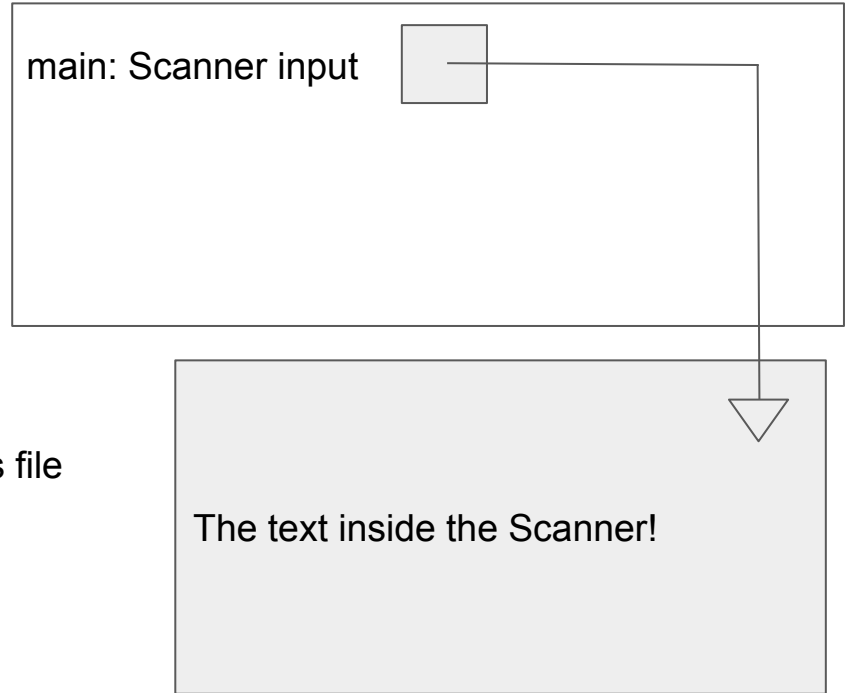


# Array Reference Semantics- when not to return

```
public static void main(String[] args) {  
    File input = new File("input.txt");  
    Scanner input = new Scanner(input);  
    method(input);  
  
    method2(input);  
}
```

```
public static void method(Scanner input) {  
    // Code that uses the input Scanner to process file  
    input.next();  
    input.next();  
}
```

```
public static void method2(Scanner file) {  
    file.next();  
}
```

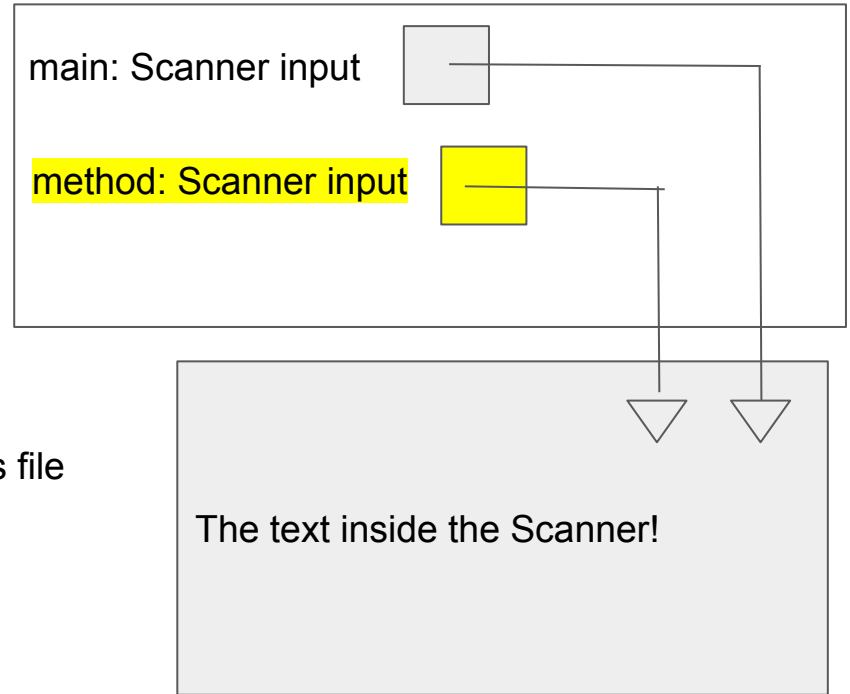


# Array Reference Semantics- when not to return

```
public static void main(String[] args) {  
    File input = new File("input.txt");  
    Scanner input = new Scanner(input);  
    method(input);  
  
    method2(input);  
}
```

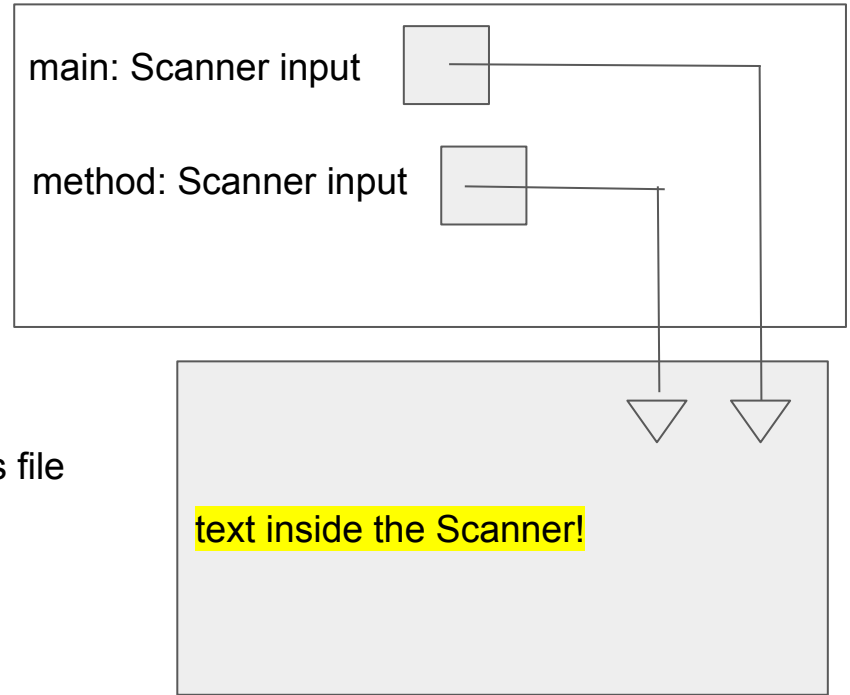
```
public static void method(Scanner input) {  
    // Code that uses the input Scanner to process file  
    input.next();  
    input.next();  
}
```

```
public static void method2(Scanner file) {  
    file.next();  
}
```



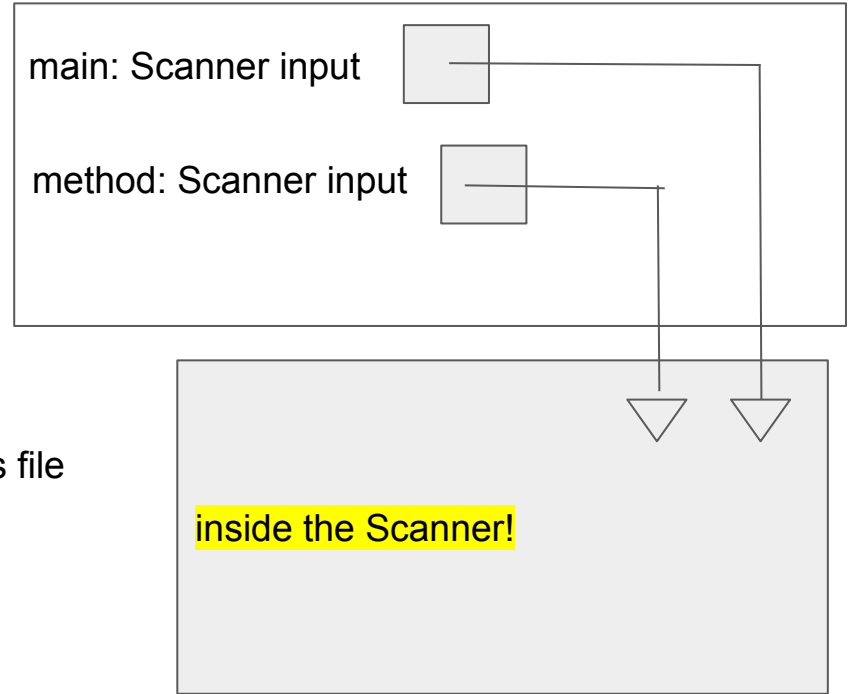
# Array Reference Semantics- when not to return

```
public static void main(String[] args) {  
    File input = new File("input.txt");  
    Scanner input = new Scanner(input);  
    method(input);  
  
    method2(input);  
}  
  
public static void method(Scanner input) {  
    // Code that uses the input Scanner to process file  
    input.next();  
    input.next();  
}  
  
public static void method2(Scanner file) {  
    file.next();  
}
```



# Array Reference Semantics- when not to return

```
public static void main(String[] args) {  
    File input = new File("input.txt");  
    Scanner input = new Scanner(input);  
    method(input);  
  
    method2(input);  
}  
  
public static void method(Scanner input) {  
    // Code that uses the input Scanner to process file  
    input.next();  
    input.next();  
}  
  
public static void method2(Scanner file) {  
    file.next();  
}
```

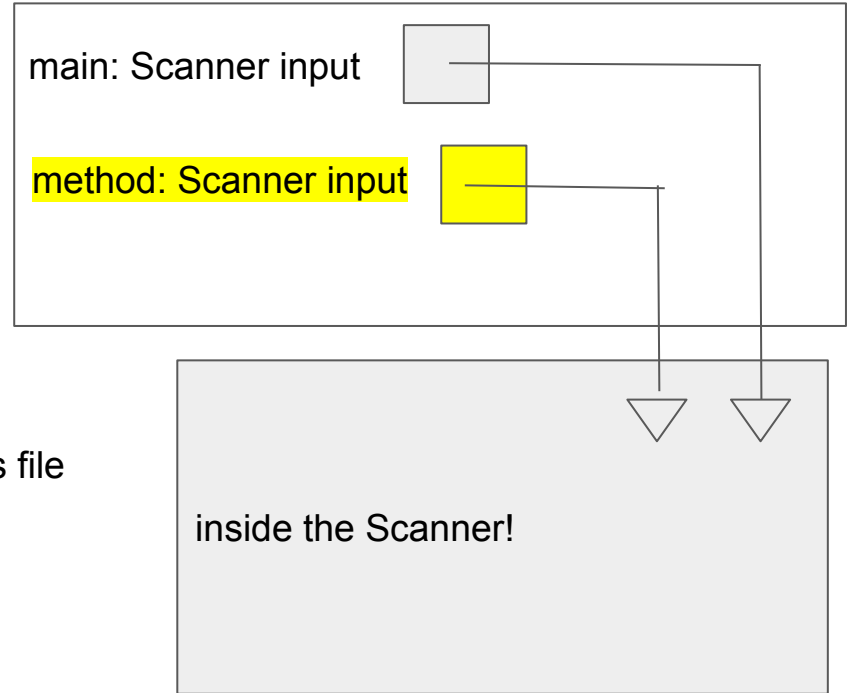


# Array Reference Semantics- when not to return

```
public static void main(String[] args) {  
    File input = new File("input.txt");  
    Scanner input = new Scanner(input);  
    method(input);  
  
    method2(input);  
}
```

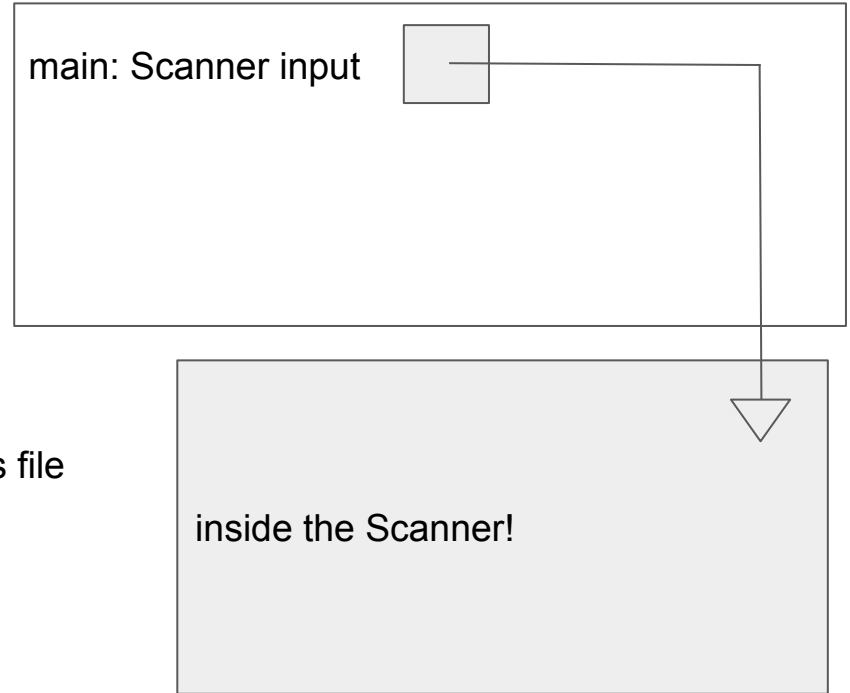
```
public static void method(Scanner input) {  
    // Code that uses the input Scanner to process file  
    input.next();  
    input.next();  
}
```

```
public static void method2(Scanner file) {  
    file.next();  
}
```



# Array Reference Semantics- when not to return

```
public static void main(String[] args) {  
    File input = new File("input.txt");  
    Scanner input = new Scanner(input);  
    method(input);  
    //  
    method2(input);  
}  
  
public static void method(Scanner input) {  
    // Code that uses the input Scanner to process file  
    input.next();  
    input.next();  
}  
  
public static void method2(Scanner file) {  
    file.next();  
}
```



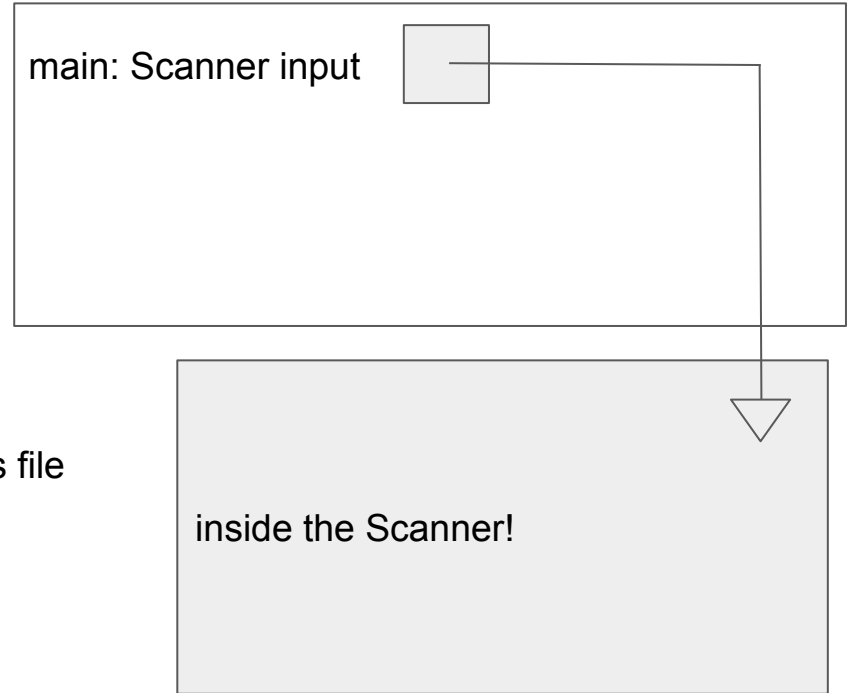


# Array Reference Semantics- when not to return

```
public static void main(String[] args) {  
    File input = new File("input.txt");  
    Scanner input = new Scanner(input);  
    method(input);  
  
    method2(input);  
}
```

```
public static void method(Scanner input) {  
    // Code that uses the input Scanner to process file  
    input.next();  
    input.next();  
}
```

```
public static void method2(Scanner file) {  
    file.next();  
}
```

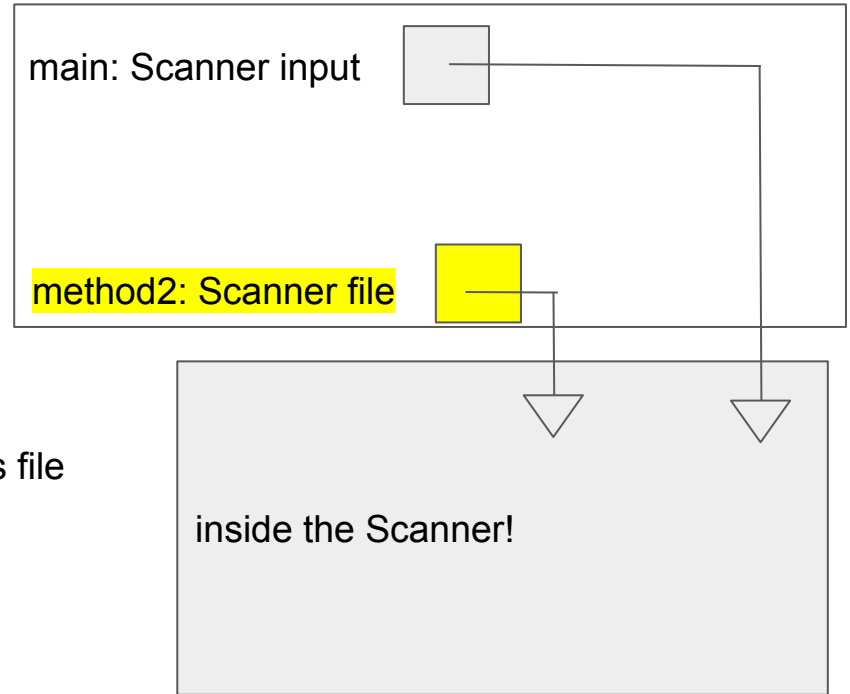


# Array Reference Semantics- when not to return

```
public static void main(String[] args) {  
    File input = new File("input.txt");  
    Scanner input = new Scanner(input);  
    method(input);  
  
    method2(input);  
}
```

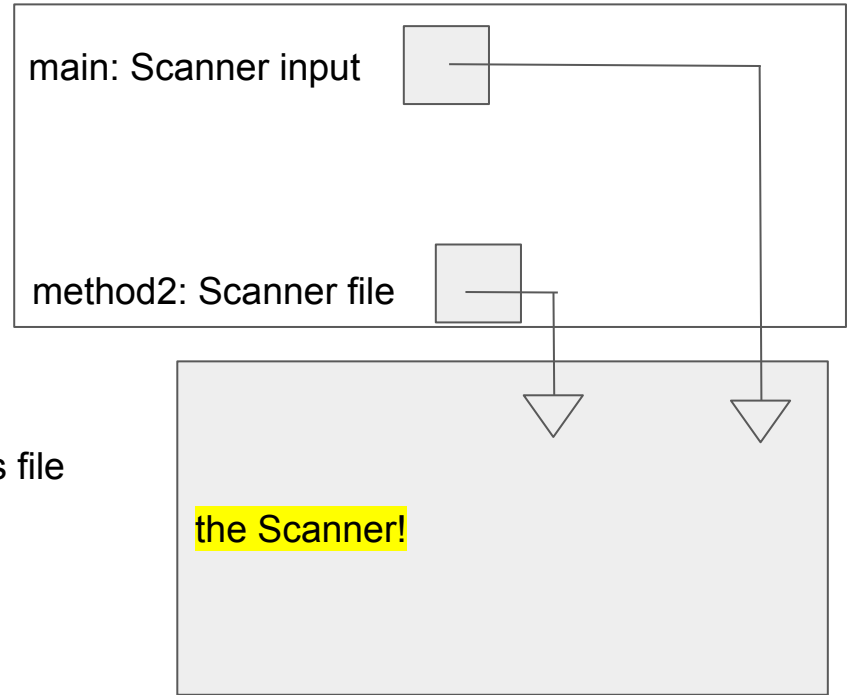
```
public static void method(Scanner input) {  
    // Code that uses the input Scanner to process file  
    input.next();  
    input.next();  
}
```

```
public static void method2(Scanner file) {  
    file.next();  
}
```



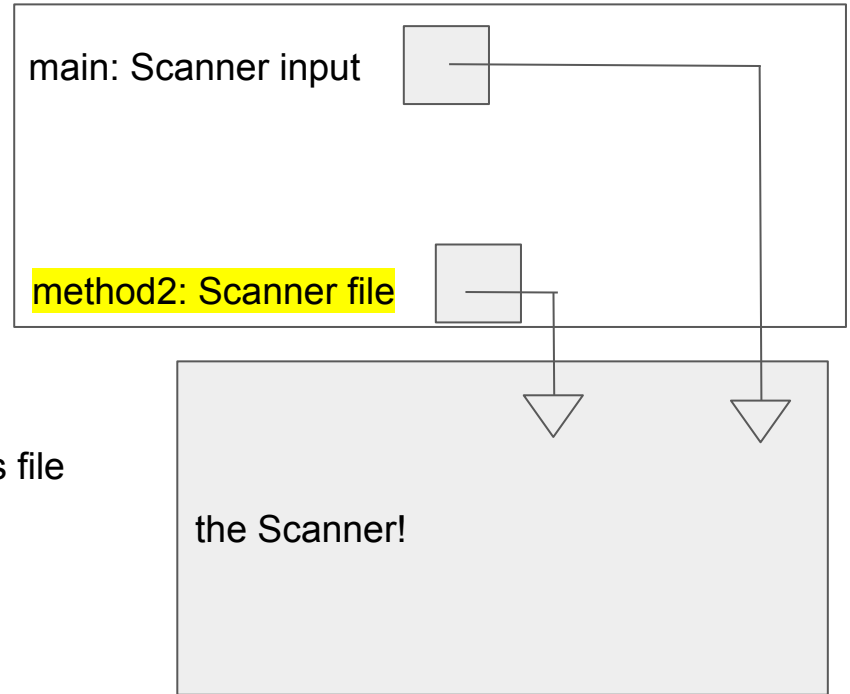
# Array Reference Semantics- when not to return

```
public static void main(String[] args) {  
    File input = new File("input.txt");  
    Scanner input = new Scanner(input);  
    method(input);  
  
    method2(input);  
}  
  
public static void method(Scanner input) {  
    // Code that uses the input Scanner to process file  
    input.next();  
    input.next();  
}  
  
public static void method2(Scanner file) {  
    file.next();  
}
```



# Array Reference Semantics- when not to return

```
public static void main(String[] args) {  
    File input = new File("input.txt");  
    Scanner input = new Scanner(input);  
    method(input);  
  
    method2(input);  
}  
  
public static void method(Scanner input) {  
    // Code that uses the input Scanner to process file  
    input.next();  
    input.next();  
}  
  
public static void method2(Scanner file) {  
    file.next();  
}
```



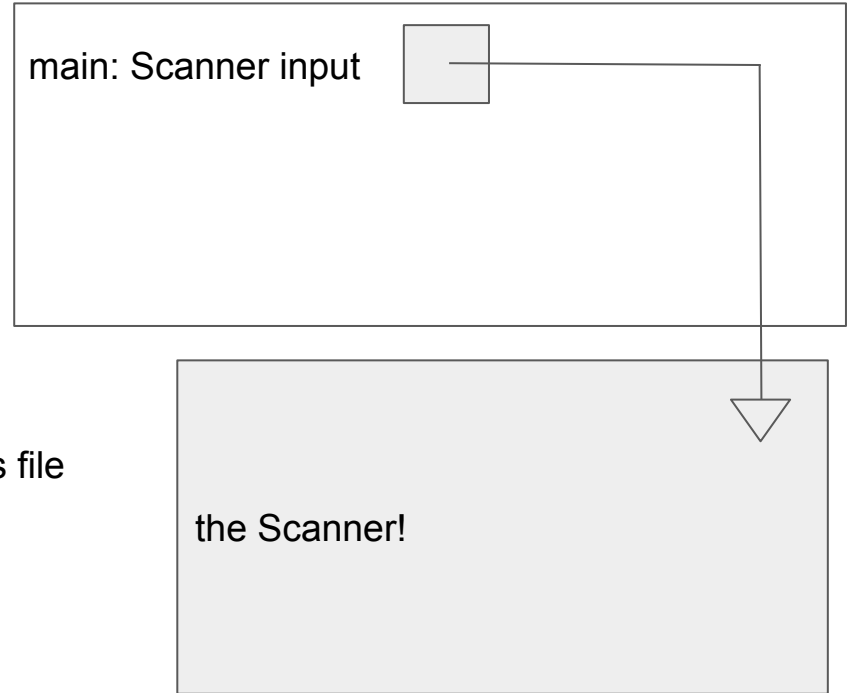
# Array Reference Semantics- when not to return

```
public static void main(String[] args) {  
    File input = new File("input.txt");  
    Scanner input = new Scanner(input);  
    method(input);  
  
    method2(input);  
}
```

```
}
```

```
public static void method(Scanner input) {  
    // Code that uses the input Scanner to process file  
    input.next();  
    input.next();  
}
```

```
public static void method2(Scanner file) {  
    file.next();  
}
```

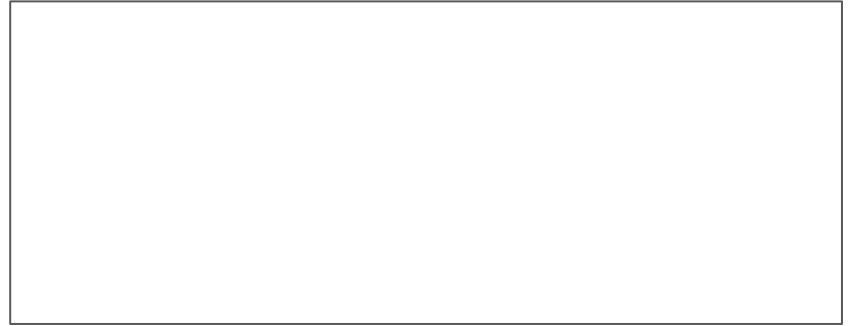


# Array Reference Semantics- when not to return

```
public static void main(String[] args) {  
    int[] numbers = new int[6];  
    method(numbers);  
    int[] newNumbers = method2(numbers);  
}
```

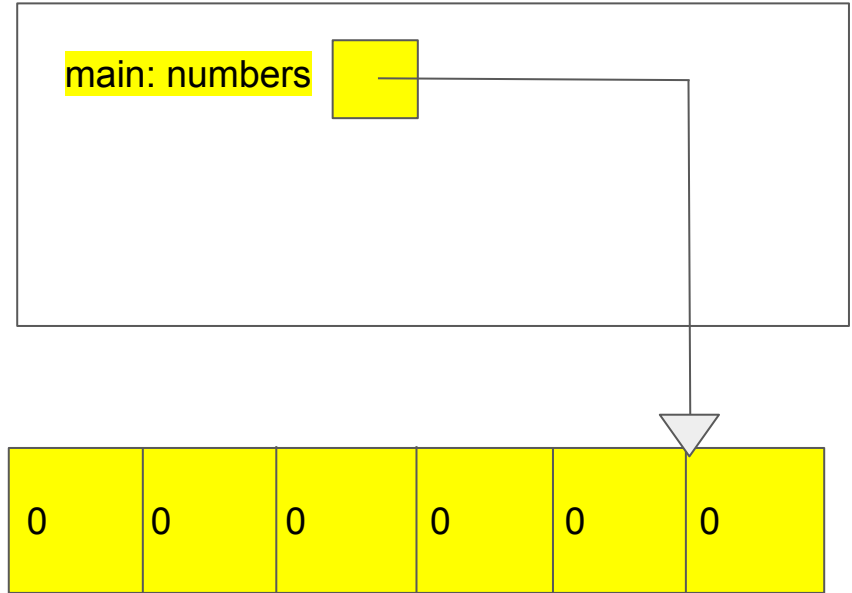
```
public static void method(int[] numbers) {  
    numbers[0] = 1;  
    numbers[4] = 9;  
}
```

```
public static int[] method2(int[] numbers) {  
    int[] newNumbers = new int[numbers.length];  
    for (int i = 0; i < numbers.length; i++) {  
        newNumbers[i] = numbers[i] + 1;  
    }  
    return newNumbers;  
}
```



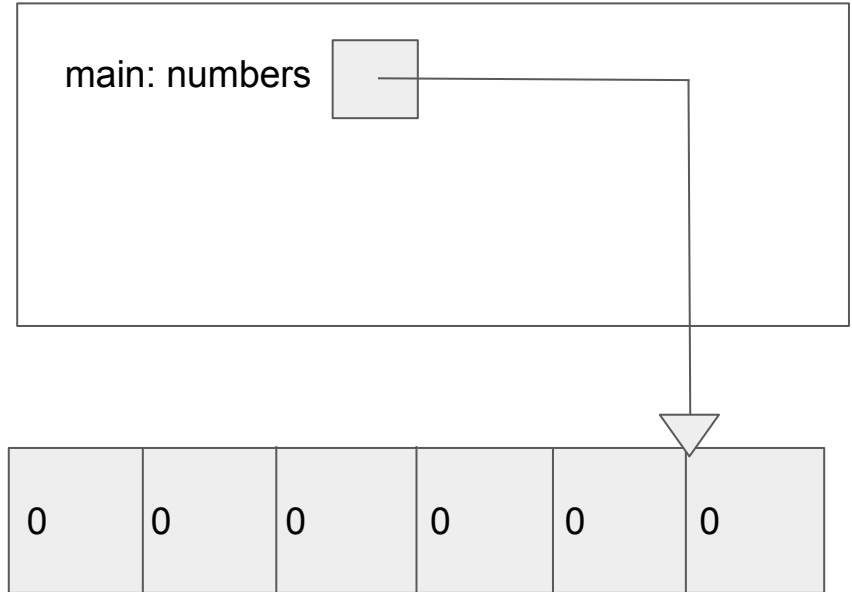
# Array Reference Semantics- when not to return

```
public static void main(String[] args) {  
    int[] numbers = new int[6];  
    method(numbers);  
    int[] newNumbers = method2(numbers);  
}  
  
public static void method(int[] numbers) {  
    numbers[0] = 1;  
    numbers[4] = 9;  
}  
  
public static int[] method2(int[] numbers) {  
    int[] newNumbers = new int[numbers.length];  
    for (int i = 0; i < numbers.length; i++) {  
        newNumbers[i] = numbers[i] + 1;  
    }  
    return newNumbers;  
}
```



# Array Reference Semantics- when not to return

```
public static void main(String[] args) {  
    int[] numbers = new int[6];  
    method(numbers);  
    int[] newNumbers = method2(numbers);  
}  
  
public static void method(int[] numbers) {  
    numbers[0] = 1;  
    numbers[4] = 9;  
}  
  
public static int[] method2(int[] numbers) {  
    int[] newNumbers = new int[numbers.length];  
    for (int i = 0; i < numbers.length; i++) {  
        newNumbers[i] = numbers[i] + 1;  
    }  
    return newNumbers;  
}
```



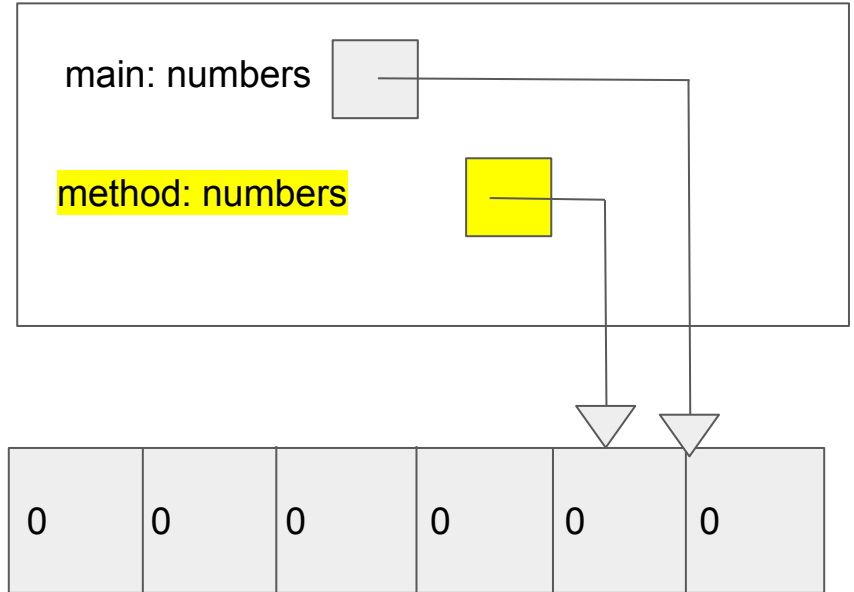


# Array Reference Semantics- when not to return

```
public static void main(String[] args) {  
    int[] numbers = new int[6];  
    method(numbers);  
    int[] newNumbers = method2(numbers);  
}
```

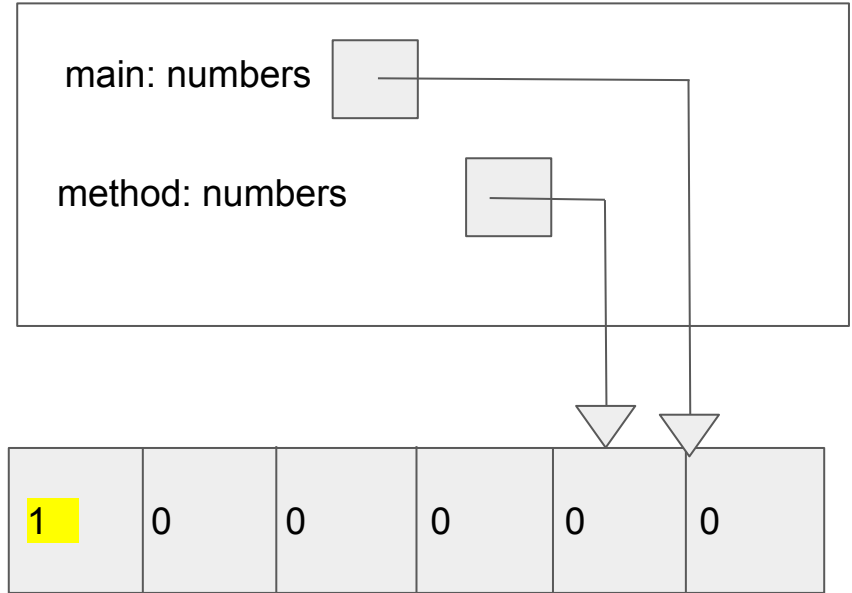
```
public static void method(int[] numbers) {  
    numbers[0] = 1;  
    numbers[4] = 9;  
}
```

```
public static int[] method2(int[] numbers) {  
    int[] newNumbers = new int[numbers.length];  
    for (int i = 0; i < numbers.length; i++) {  
        newNumbers[i] = numbers[i] + 1;  
    }  
    return newNumbers;  
}
```



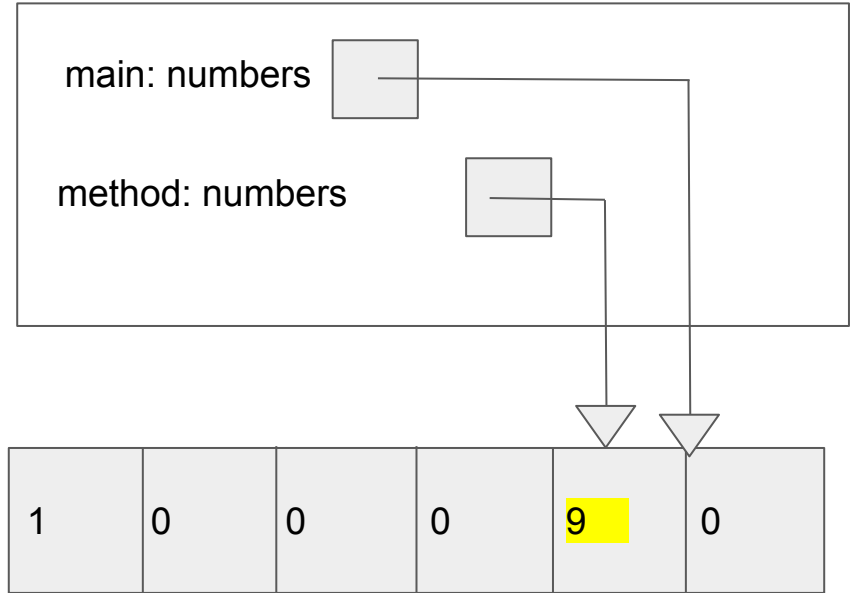
# Array Reference Semantics- when not to return

```
public static void main(String[] args) {  
    int[] numbers = new int[6];  
    method(numbers);  
    int[] newNumbers = method2(numbers);  
}  
  
public static void method(int[] numbers) {  
    numbers[0] = 1;  
    numbers[4] = 9;  
}  
  
public static int[] method2(int[] numbers) {  
    int[] newNumbers = new int[numbers.length];  
    for (int i = 0; i < numbers.length; i++) {  
        newNumbers[i] = numbers[i] + 1;  
    }  
    return newNumbers;  
}
```



# Array Reference Semantics- when not to return

```
public static void main(String[] args) {  
    int[] numbers = new int[6];  
    method(numbers);  
    int[] newNumbers = method2(numbers);  
}  
  
public static void method(int[] numbers) {  
    numbers[0] = 1;  
    numbers[4] = 9;  
}  
  
public static int[] method2(int[] numbers) {  
    int[] newNumbers = new int[numbers.length];  
    for (int i = 0; i < numbers.length; i++) {  
        newNumbers[i] = numbers[i] + 1;  
    }  
    return newNumbers;  
}
```

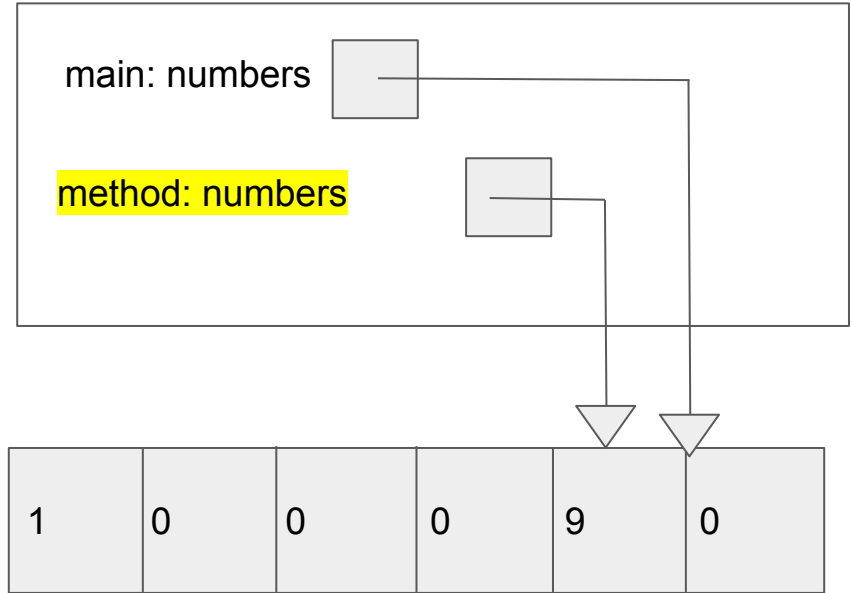


# Array Reference Semantics- when not to return

```
public static void main(String[] args) {  
    int[] numbers = new int[6];  
    method(numbers);  
    int[] newNumbers = method2(numbers);  
}
```

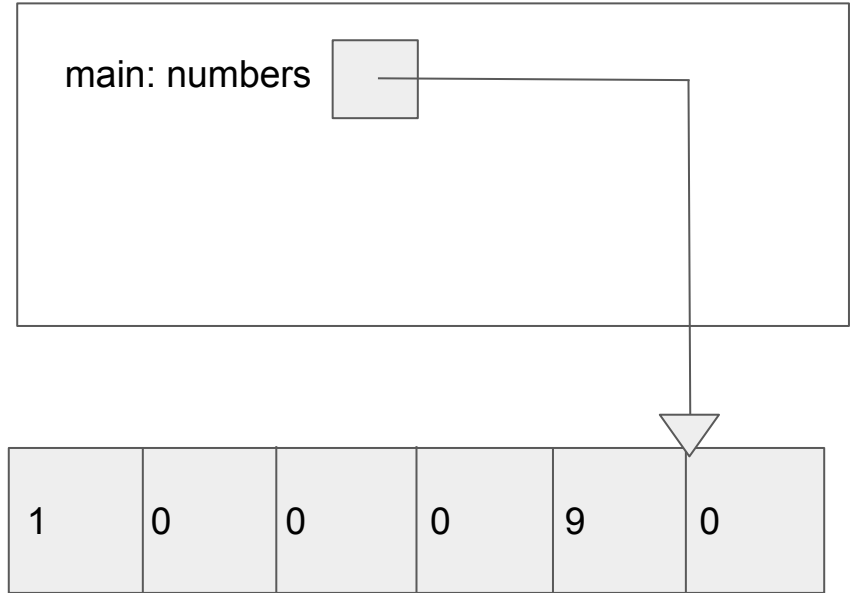
```
public static void method(int[] numbers) {  
    numbers[0] = 1;  
    numbers[4] = 9;  
}
```

```
public static int[] method2(int[] numbers) {  
    int[] newNumbers = new int[numbers.length];  
    for (int i = 0; i < numbers.length; i++) {  
        newNumbers[i] = numbers[i] + 1;  
    }  
    return newNumbers;  
}
```



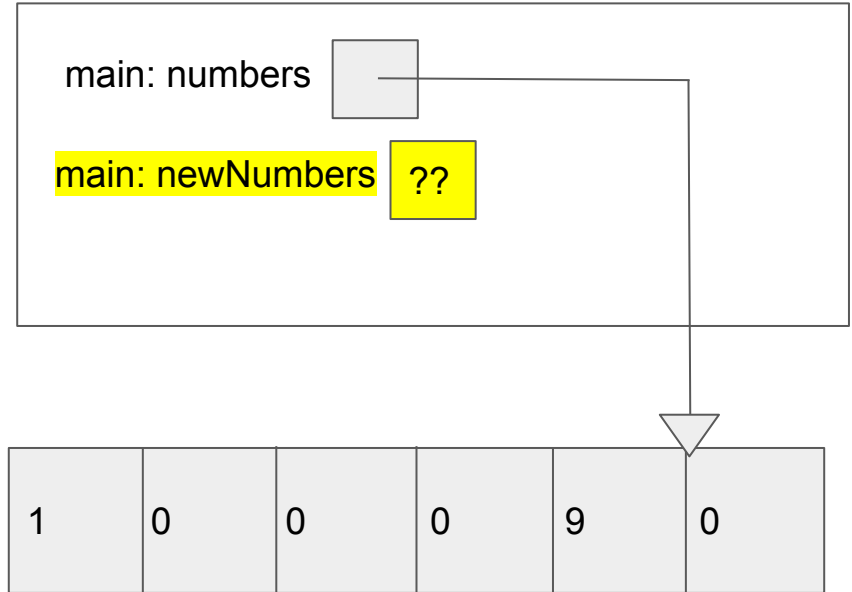
# Array Reference Semantics- when not to return

```
public static void main(String[] args) {  
    int[] numbers = new int[6];  
    method(numbers);  
    int[] newNumbers = method2(numbers);  
}  
  
public static void method(int[] numbers) {  
    numbers[0] = 1;  
    numbers[4] = 9;  
}  
  
public static int[] method2(int[] numbers) {  
    int[] newNumbers = new int[numbers.length];  
    for (int i = 0; i < numbers.length; i++) {  
        newNumbers[i] = numbers[i] + 1;  
    }  
    return newNumbers;  
}
```



# Array Reference Semantics- when not to return

```
public static void main(String[] args) {  
    int[] numbers = new int[6];  
    method(numbers);  
    int[] newNumbers = method2(numbers);  
}  
  
public static void method(int[] numbers) {  
    numbers[0] = 1;  
    numbers[4] = 9;  
}  
  
public static int[] method2(int[] numbers) {  
    int[] newNumbers = new int[numbers.length];  
    for (int i = 0; i < numbers.length; i++) {  
        newNumbers[i] = numbers[i] + 1;  
    }  
    return newNumbers;  
}
```

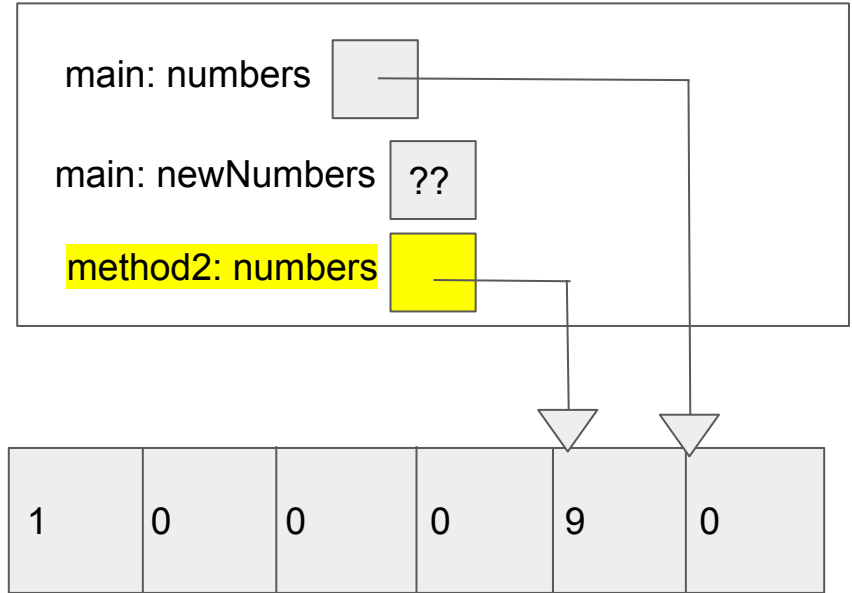


# Array Reference Semantics- when not to return

```
public static void main(String[] args) {  
    int[] numbers = new int[6];  
    method(numbers);  
    int[] newNumbers = method2(numbers);  
}
```

```
public static void method(int[] numbers) {  
    numbers[0] = 1;  
    numbers[4] = 9;  
}
```

```
public static int[] method2(int[] numbers) {  
    int[] newNumbers = new int[numbers.length];  
    for (int i = 0; i < numbers.length; i++) {  
        newNumbers[i] = numbers[i] + 1;  
    }  
    return newNumbers;  
}
```

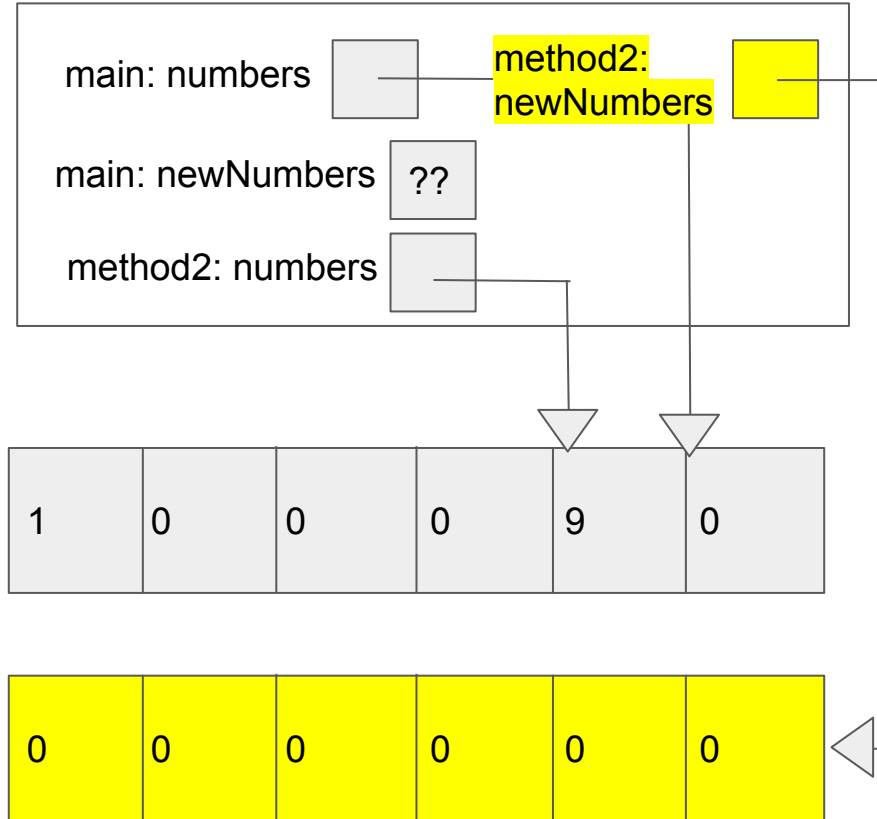


# Array Reference Semantics- when not to return

```
public static void main(String[] args) {  
    int[] numbers = new int[6];  
    method(numbers);  
    int[] newNumbers = method2(numbers);  
}
```

```
public static void method(int[] numbers) {  
    numbers[0] = 1;  
    numbers[4] = 9;  
}
```

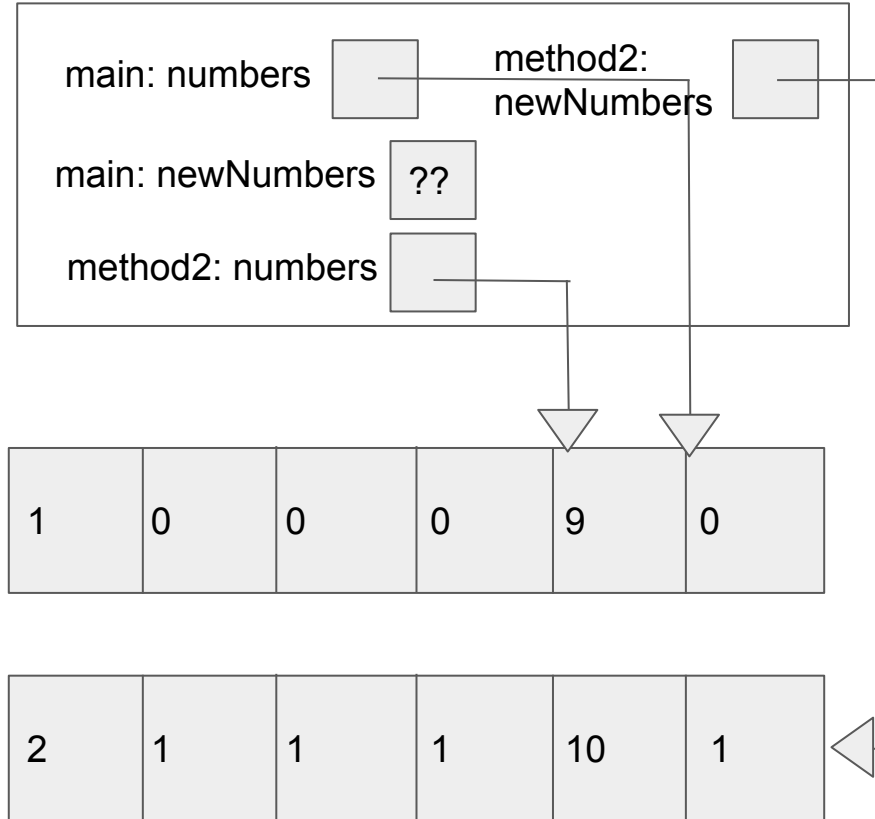
```
public static int[] method2(int[] numbers) {  
    int[] newNumbers = new int[numbers.length];  
    for (int i = 0; i < numbers.length; i++) {  
        newNumbers[i] = numbers[i] + 1;  
    }  
    return newNumbers;  
}
```





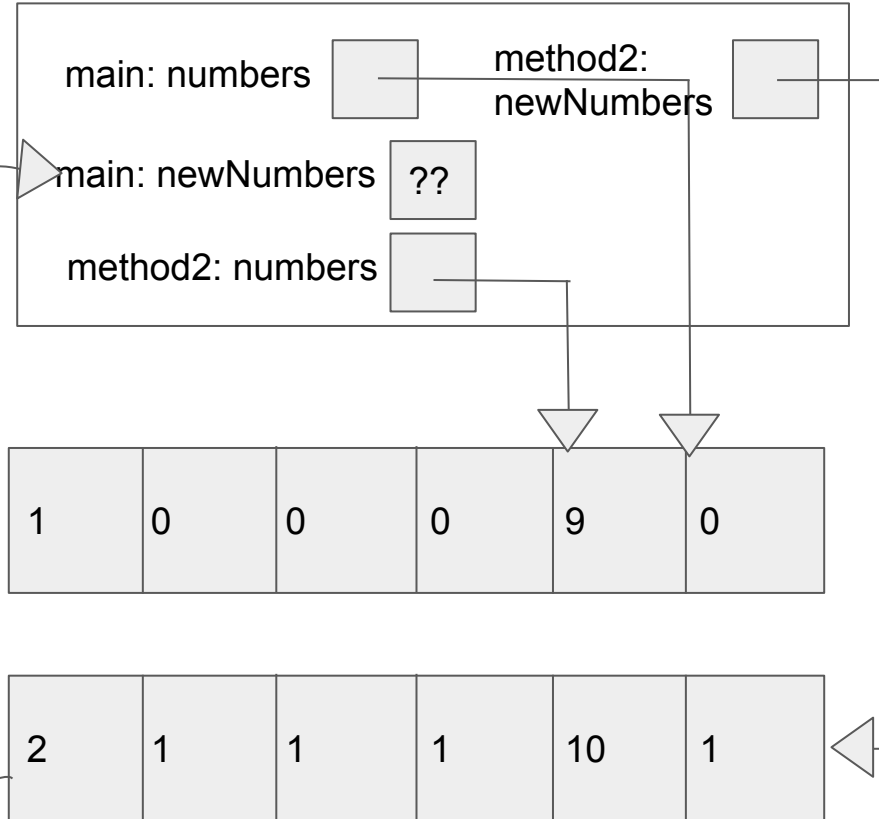
# Array Reference Semantics- when not to return

```
public static void main(String[] args) {  
    int[] numbers = new int[6];  
    method(numbers);  
    int[] newNumbers = method2(numbers);  
}  
  
public static void method(int[] numbers) {  
    numbers[0] = 1;  
    numbers[4] = 9;  
}  
  
public static int[] method2(int[] numbers) {  
    int[] newNumbers = new int[numbers.length];  
    for (int i = 0; i < numbers.length; i++) {  
        newNumbers[i] = numbers[i] + 1;  
    }  
    return newNumbers;  
}
```



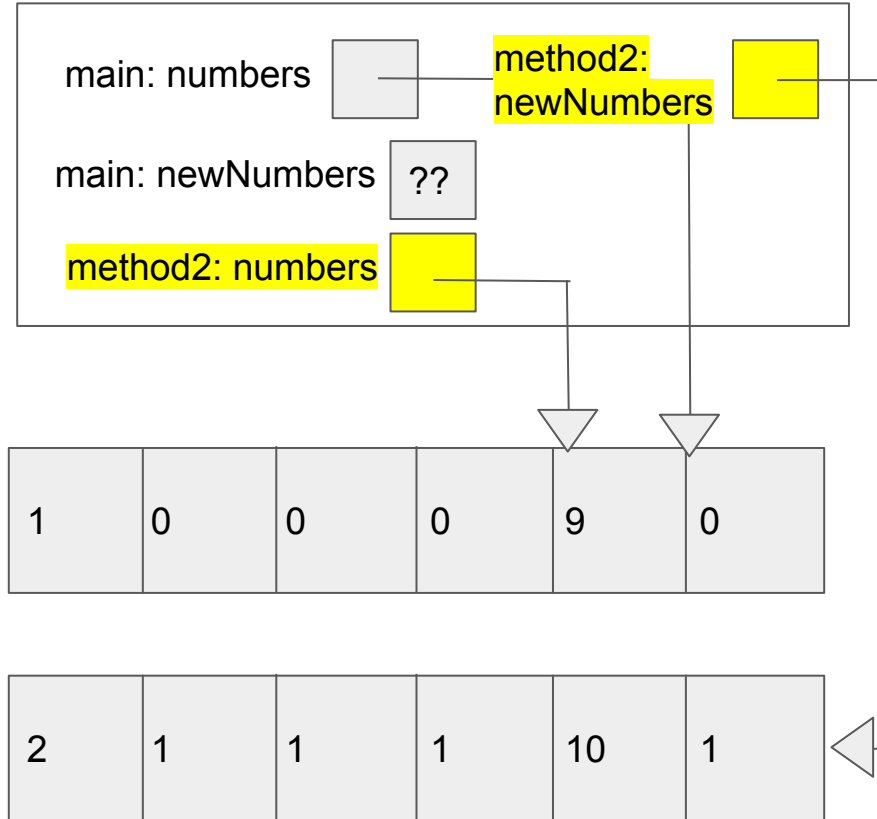
# Array Reference Semantics- when not to return

```
public static void main(String[] args) {  
    int[] numbers = new int[6];  
    method(numbers);  
    int[] newNumbers = method2(numbers);  
}  
  
public static void method(int[] numbers) {  
    numbers[0] = 1;  
    numbers[4] = 9;  
}  
  
public static int[] method2(int[] numbers) {  
    int[] newNumbers = new int[numbers.length];  
    for (int i = 0; i < numbers.length; i++) {  
        newNumbers[i] = numbers[i] + 1;  
    }  
    return newNumbers;  
}
```



# Array Reference Semantics- when not to return

```
public static void main(String[] args) {  
    int[] numbers = new int[6];  
    method(numbers);  
    int[] newNumbers = method2(numbers);  
}  
  
public static void method(int[] numbers) {  
    numbers[0] = 1;  
    numbers[4] = 9;  
}  
  
public static int[] method2(int[] numbers) {  
    int[] newNumbers = new int[numbers.length];  
    for (int i = 0; i < numbers.length; i++) {  
        newNumbers[i] = numbers[i] + 1;  
    }  
    return newNumbers;  
}
```



# Array Reference Semantics- when not to return

```
public static void main(String[] args) {  
    int[] numbers = new int[6];  
    method(numbers);  
    int[] newNumbers = method2(numbers);  
}
```

```
public static void method(int[] numbers) {  
    numbers[0] = 1;  
    numbers[4] = 9;  
}
```

```
public static int[] method2(int[] numbers) {  
    int[] newNumbers = new int[numbers.length];  
    for (int i = 0; i < numbers.length; i++) {  
        newNumbers[i] = numbers[i] + 1;  
    }  
    return newNumbers;  
}
```

