Fundamentos de Java

Parte 2

Presenta

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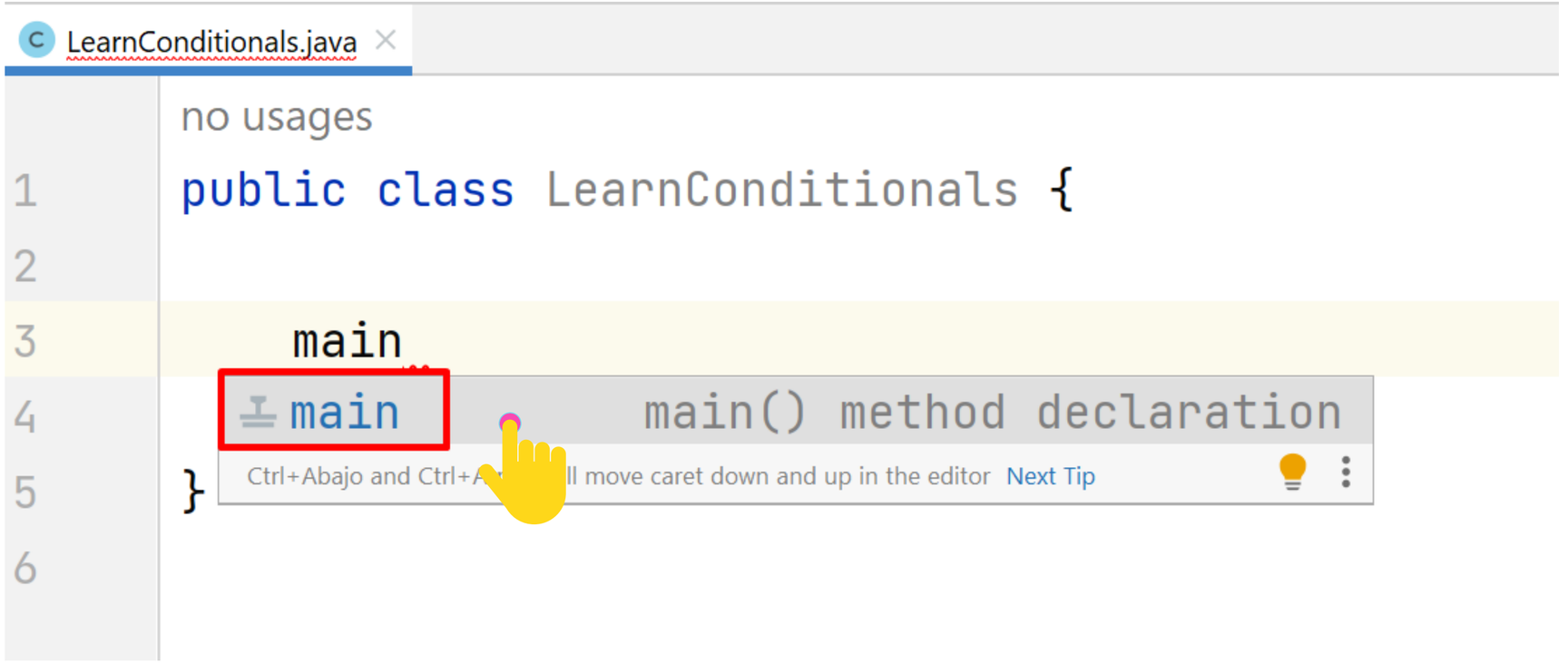
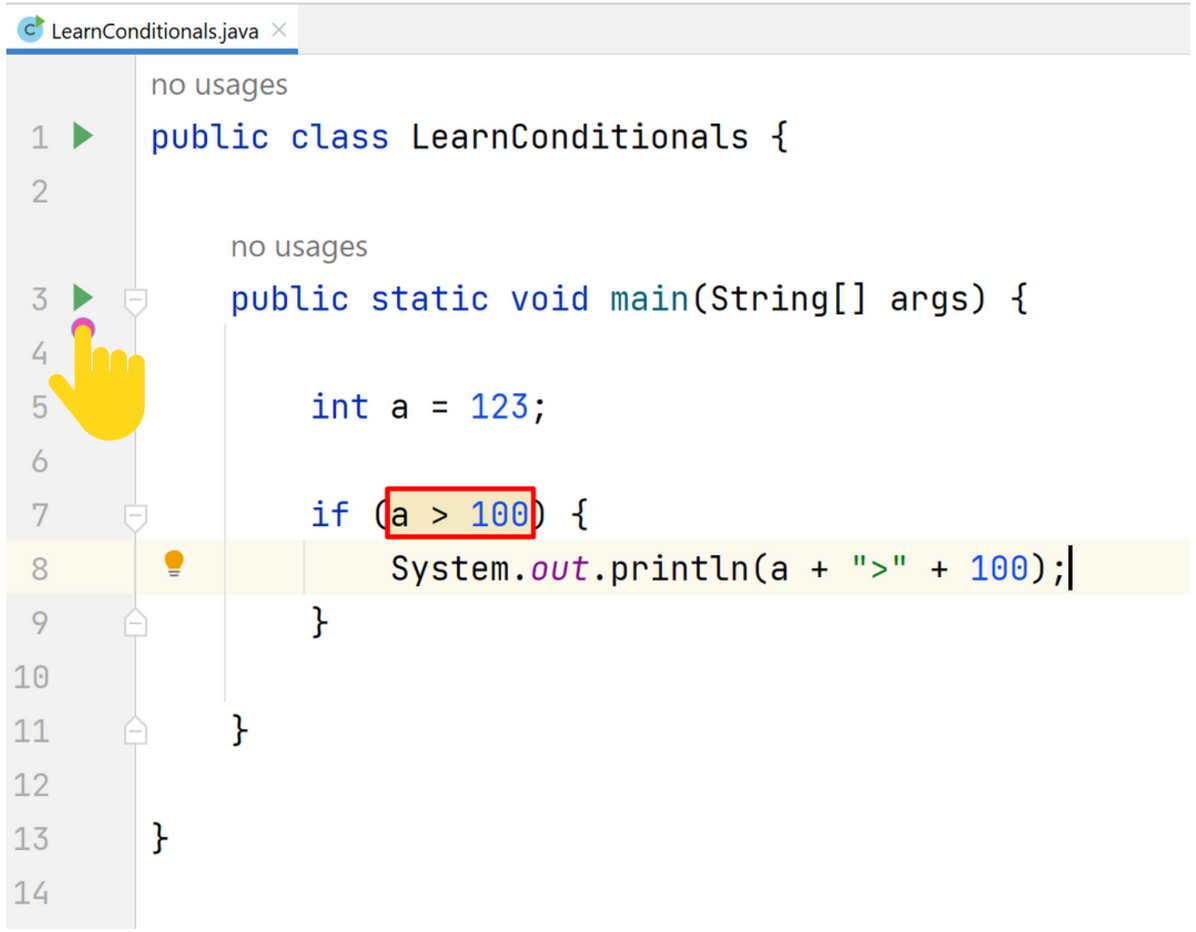
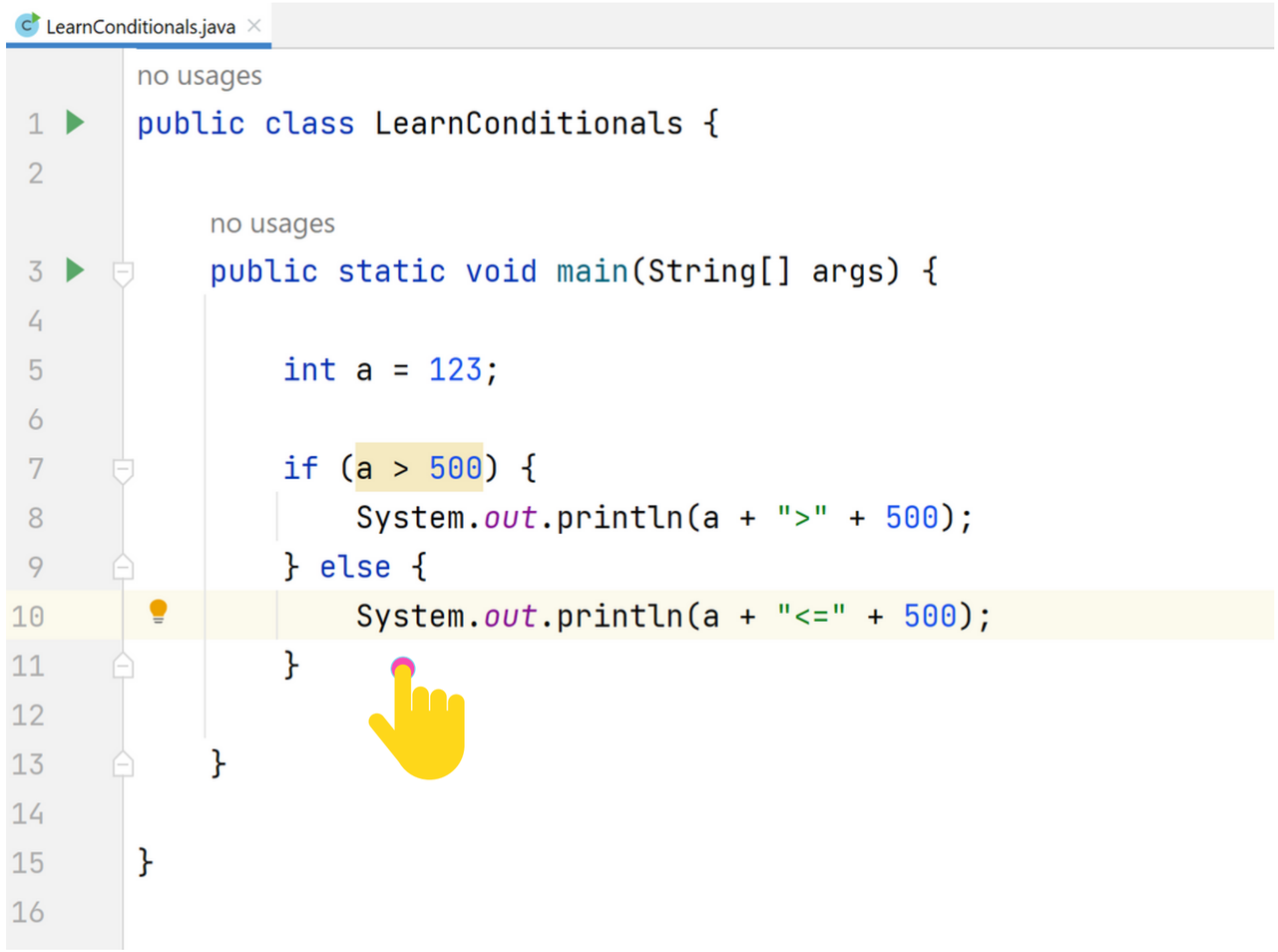

LearnConditionals.java
no usages
1 public class LearnConditionals {
2
3 main
4 main main() method declaration
5 }
Ctrl+Abajo and Ctrl+A ll move caret down and up in the editor Next Tip
6


LearnConditionals.java
no usages
public class LearnConditionals {
no usages
public static void main(String[] args) {
int a = 123;
if (a > 100) {
System.out.println(a + ">" + 100);
}
}
}


LearnConditionals.java
no usages
public class LearnConditionals {
no usages
public static void main(String[] args) {
int a = 123;
if (a > 500) {
System.out.println(a + ">" + 500);
} else {
System.out.println(a + "<=" + 500);
}
}
}

```java
public static void main(String[] args) {

    // Math.random() -> 0.00000 - 0.99999...
    int a = (int)(Math.random() * 1000);

    if (a >= 800) {
        System.out.println("800-1000");
    } else if (a >= 500) {
        System.out.println("500-800");
    } else if (a >= 200) {
        System.out.println("200-500");
    } else {
        System.out.println("0-200");
    }

}
```

```java
String color = "red";

switch (color) {

    case "blue":
        System.out.println("Color ir blue");
        break;
    case "red":
        System.out.println("Color is red");
        break;
    case "green":
    case "lime":
        System.out.println("Color is green or lime");
        break;
    default:
        System.out.println("Color is unknown");
        break;

}
```

```java
public class LearnConditionals {

    2 usages
    static void showMenu() {
        System.out.println("Select an option:");
        System.out.println("--------------------------");
        System.out.println("1. Say hello");
        System.out.println("2. Sum 1 + 2");
        System.out.println("3. Exit");
        System.out.println("--------------------------");

        readOption();
    }
```

```java
static void showMenu() {
    System.out.println("Select an option:");
    System.out.println("--------------------------");
    System.out.println("1. Say hello");
    System.out.println("2. Sum 1 + 2");
    System.out.println("3. Exit");
    System.out.println("--------------------------");

    readOption();
}

1 usage
static void readOption() {
    Scanner scanner = new Scanner(System.in);

    System.out.print("Option: ");

    int option = scanner.nextInt();

    boolean result = doOption(option);

    if (result) {
        showMenu();
    }
}
```

```
        boolean result = doOption(option);

        if (result) {
            showMenu();
        }
    }

    1 usage
    static boolean doOption(int option) {
        if (option == 1) {
            System.out.println("Hello");
            return true;
        } else if (option == 2) {
            System.out.println(1 + 2);
            return true;
        } else if (option == 3) {
            System.out.println("Goodbye");
            return false;
        } else {
            System.out.println();
            return true;
        }
    }

    no usages
    public static void main(String[] args) {
```

```java
static boolean doOption(int option) {
    if (option == 1) {
        System.out.println("Hello");
        return true;
    } else if (option == 2) {
        System.out.println(1 + 2);
        return true;
    } else if (option == 3) {
        System.out.println("Goodbye");
        return false;
    } else {
        System.out.println();
        return true;
    }
}

no usages
public static void main(String[] args) {

    showMenu();
```

```
Select an option:
-----------------------------
1. Say hello
2. Sum 1 + 2
3. Exit
-----------------------------
Option: 1
```

```
2. Sum 1 + 2
3. Exit
----------------------------
Option: 1
Hello
Select an option:
----------------------------
1. Say hello
2. Sum 1 + 2
3. Exit
----------------------------
Option: 2
```

```
2. Sum 1 + 2
3. Exit
----------------------------
Option: 2
3
Select an option:
----------------------------
1. Say hello
2. Sum 1 + 2
3. Exit
----------------------------
Option: 4
```

```
2. Sum 1 + 2
3. Exit
---------------------------
Option: 4

Select an option:
---------------------------
1. Say hello
2. Sum 1 + 2
3. Exit
---------------------------
Option: 3
```

```
Select an option:
----------------------------
1. Say hello
2. Sum 1 + 2
3. Exit
----------------------------
Option: 3
Goodbye

Process finished with exit code 0
```