1.Let's look at this in practice and assume that we have the following Person class available to us.

public class Person {

private String name;

private int birthYear;

public Person(String name) {

this.name = name;

this.birthYear = 1970;

}

public int getBirthYear() {

return this.birthYear;

}

public void setBirthYear(int birthYear) {

this.birthYear = birthYear;

}

public String toString() {

return this.name + " (" + this.birthYear + ")";

}

}

We'll inspect the execution of the program step by step.

public class Example {

public static void main(String[] args) {

Person first = new Person("First");

System.out.println(first);

youthen(first);

System.out.println(first);

Person second = first;

youthen(second);

System.out.println(first);

}

public static void youthen(Person person) {

person.setBirthYear(person.getBirthYear() + 1);

}

}

Sample output

First (1970) First (1971) First (1972)

