Assignment: `indentPrint` and `isTeenager`

1. Given the following class `IndentPrint` with a defined `main` method, add the method named `indentPrint`. Determine the parameter number and type based on how the method is called in the `main` method.

```
public class IndentPrint {

    public static void main(String[] args) {
        indentPrint("This line is not indented", false);
        indentPrint("This line is indented five spaces", true);
    }

    // add indentPrint method here

}
```

   The output must be as follows, and you must not modify the `main` method.

```
This line is not indented
     This line is indented five spaces
```

2. Class `IsTeenager` with a defined `main` method is given on the following page. Rewrite the methods named `isTeenager` and `printIsTeenager`. The method `isTeenager` is to take an integer parameter named `age`, and return a `boolean` type that is `true` if the age is between 13 and 19, inclusive, and `false` otherwise. The method `printIsTeenager` is to take two parameters: a string and an integer. The string is to hold the person's name while the integer is to hold their age. This method must call `isTeenager` and print a formatted string to the console that states the name of the person and whether they're a teenager or not. As an example, if the name is "Jane" and their age is 15, the output should be the string "`Jane is a teenager.`" (and go to the next line after printing the string). Once both method `isTeenager` and `printIsTeenager` are complete, the output of the program must be as shown below. You must not modify the `main` method.

```
Aaron is 12 years old.
Aaron is not a teenager.

Betty is 13 years old.
Betty is a teenager.

Chris is 19 years old.
Chris is a teenager.

Darlene is 20 years old.
Darlene is not a teenager.

Edward is 100 years old.
Edward is not a teenager.
```

Assignment: `indentPrint` and `isTeenager`


```
public class IsTeenager {

	public static boolean isTeenager(int age) {
		// COMPLETE THIS METHOD
		return false;
	}

	public static void printIsTeenager(String name, int age) {
		// COMPLETE THIS METHOD
		System.out.println("printIsTeenager() has not been implemented.");
	}

	public static void main(String[] args) {
		String[] name = {"Aaron", "Betty", "Chris", "Darlene", "Edward"};
		int[] age = { 12, 13, 19, 20, 100};
		boolean isTeenagerWorking = true;

		for(int i = 0; i <= 12; i++) {
			if(isTeenager(i)) {
				System.out.println(
					"ERROR: Method isTeenager() returns true," +
				    " but age " + i + " is not a teenager!");
				isTeenagerWorking = false;
			}
		}
		for(int i = 13; i <= 19; i++) {
			if(!isTeenager(i)) {
				System.out.println(
					"ERROR: Method isTeenager() returns false," +
					" but age " + i + " is a teenager!");

				isTeenagerWorking = false;
			}
		}
		for(int i = 20; i <=100; i++) {
			if(isTeenager(i)) {
				System.out.println(
					"ERROR: Method isTeenager() returns true," +
				    " but age " + i + " is not a teenager!");
				isTeenagerWorking = false;
			}
		}

		if(isTeenagerWorking) {
			for(int i = 0; i < name.length; i++) {
				System.out.println("\n" + name[i] + " is " +
					age[i] + " years old.");
				printIsTeenager(name[i],age[i]);
			}
		} else {
			System.out.println(
				"\nStart by getting method \"isTeenager()\"" +
				" working properly.");
		}
	}

}
```