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Lab 1

2017-1-18

1. Show the output from the above run.

Enter Full Name:Danielle Ince

Enter Birth City:Torrance

Enter GPA: 4.0

Enter Age: 18

Name: Danielle Ince

City: Torrance

GPA: 4.0

Age: 18

2. Swap the two blocks of inputs (i.e. the first block of inputs is now second and the second is now first). Run it again. Show the output to this second run.

Enter GPA: 4.0

Enter Age: 18

Enter Full Name:Enter Birth City:Danielle Ince Torrance

Name:

City: Danielle Ince Torrance

GPA: 4.0

Age: 18

3. What is different between the two runs? Determine why the different behavior and explain. Finally, fix it so that it runs as expected.

The second run executes the statements differently. It also skips over the line that assigns a value to the name variable. The reason for this skip is because of the nature of the `nextLine()` method. After the code executes the `nextDouble()` and `nextInt()`, the two assumed newlines ("`\n`") will still be picked up by the `nextLine()` method. This means only a new line is returned.