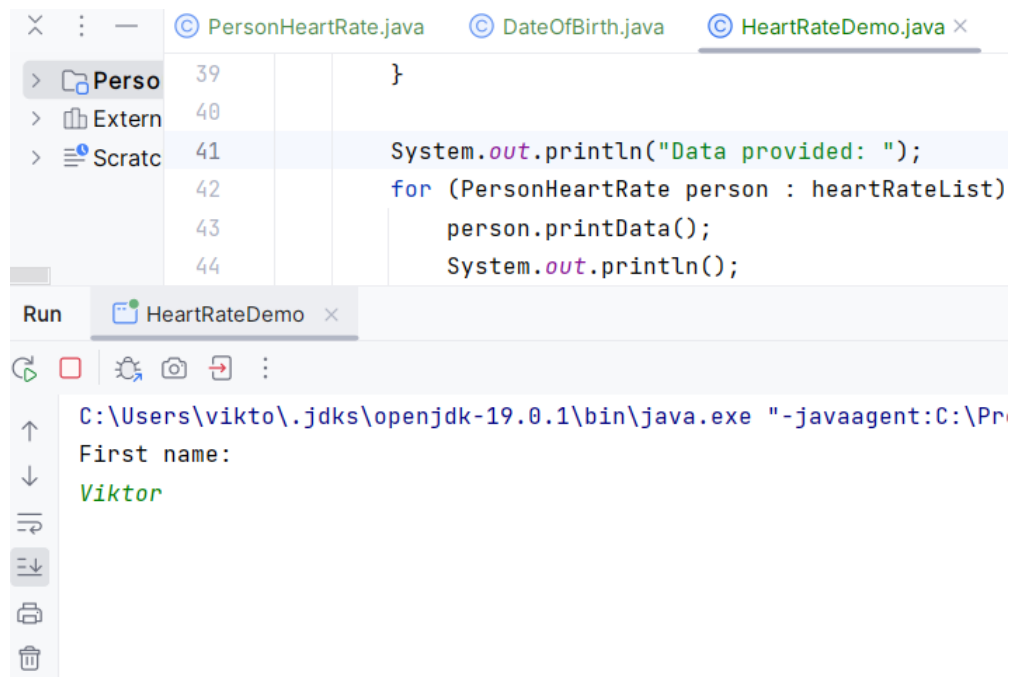


Project 1 ScreenShots

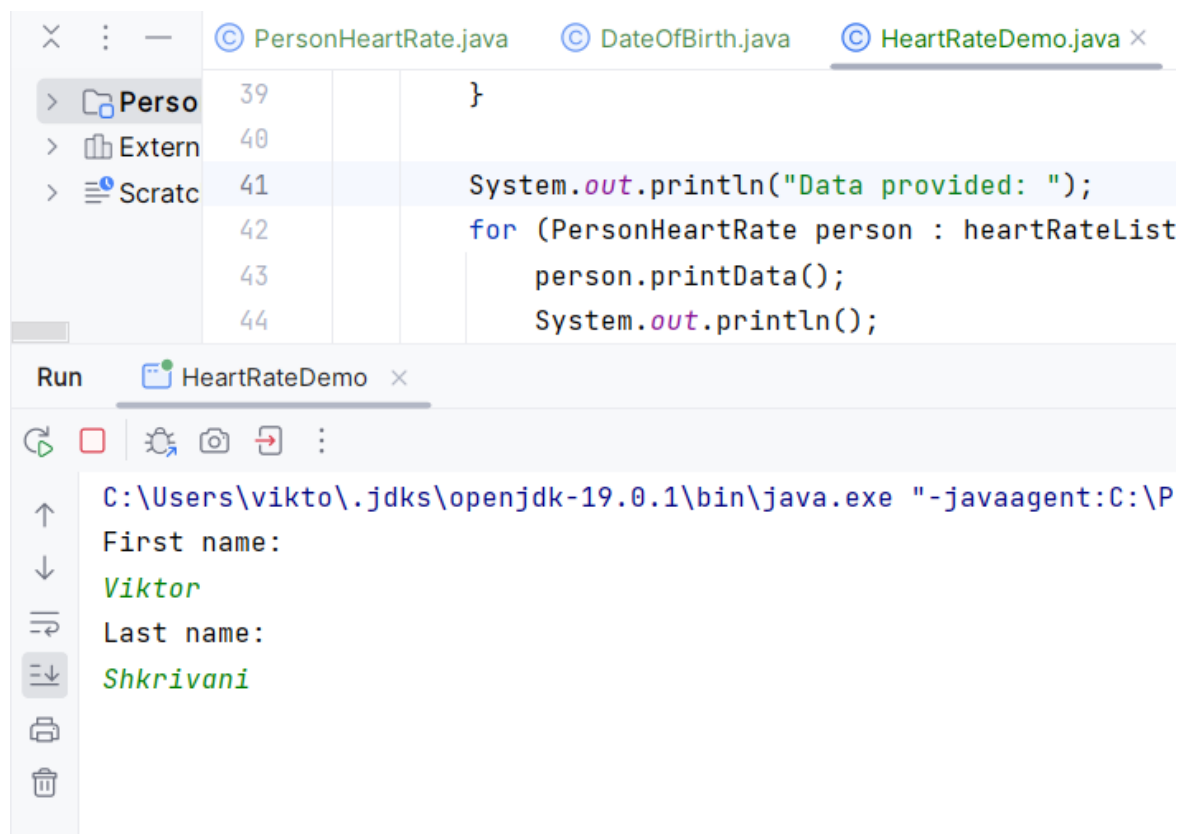
Ask first for the First Name —



```
PersonHeartRate.java DateOfBirth.java HeartRateDemo.java x
> Perso 39 }
> Extern 40
> Scratc 41 System.out.println("Data provided: ");
42 for (PersonHeartRate person : heartRateList)
43     person.printData();
44     System.out.println();

Run HeartRateDemo x
C:\Users\vikto\.jdk\openjdk-19.0.1\bin\java.exe "-javaagent:C:\P
First name:
Viktor
```

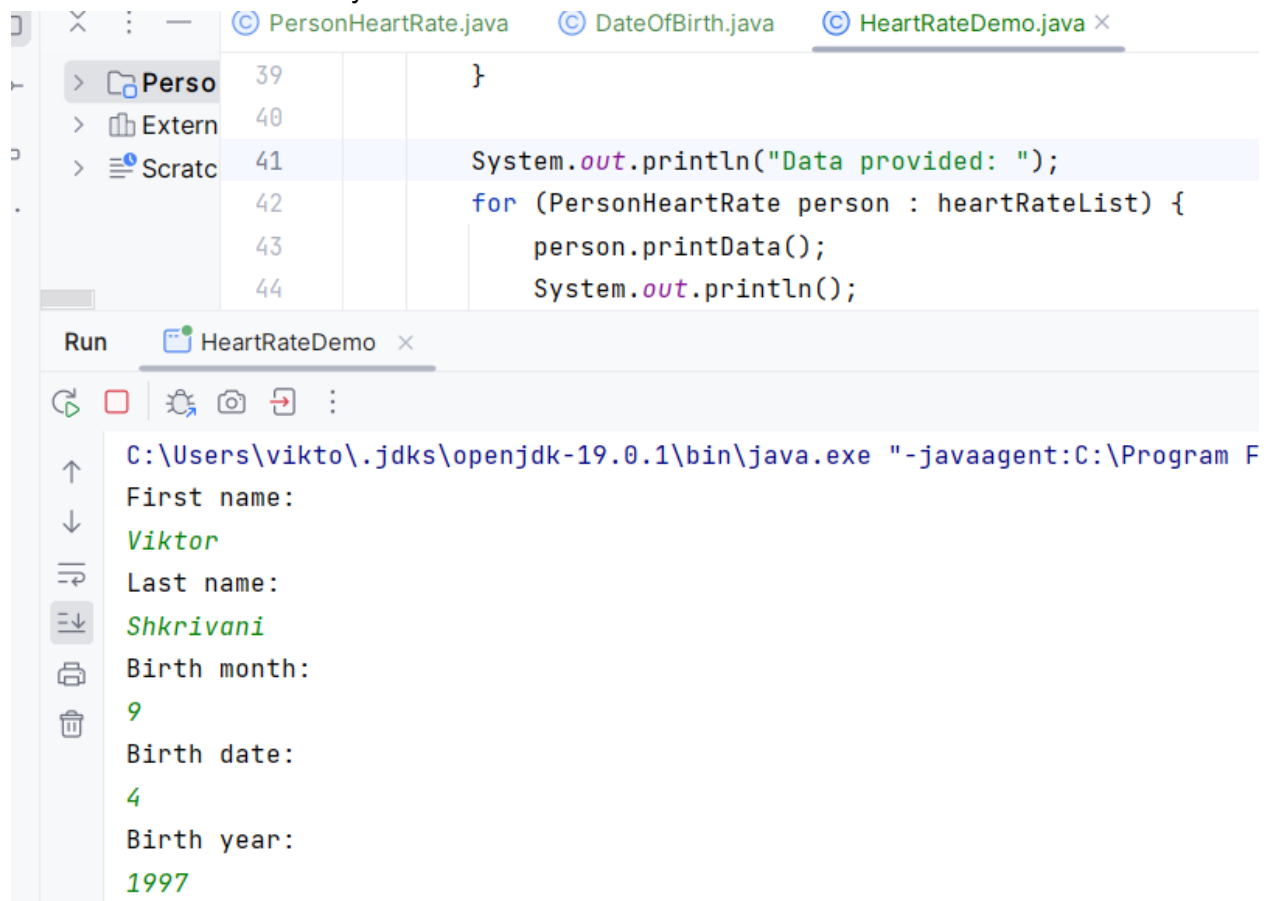
Ask for the Last Name —



```
PersonHeartRate.java DateOfBirth.java HeartRateDemo.java x
> Perso 39 }
> Extern 40
> Scratc 41 System.out.println("Data provided: ");
42 for (PersonHeartRate person : heartRateList)
43     person.printData();
44     System.out.println();

Run HeartRateDemo x
C:\Users\vikto\.jdk\openjdk-19.0.1\bin\java.exe "-javaagent:C:\P
First name:
Viktor
Last name:
Shkrivani
```

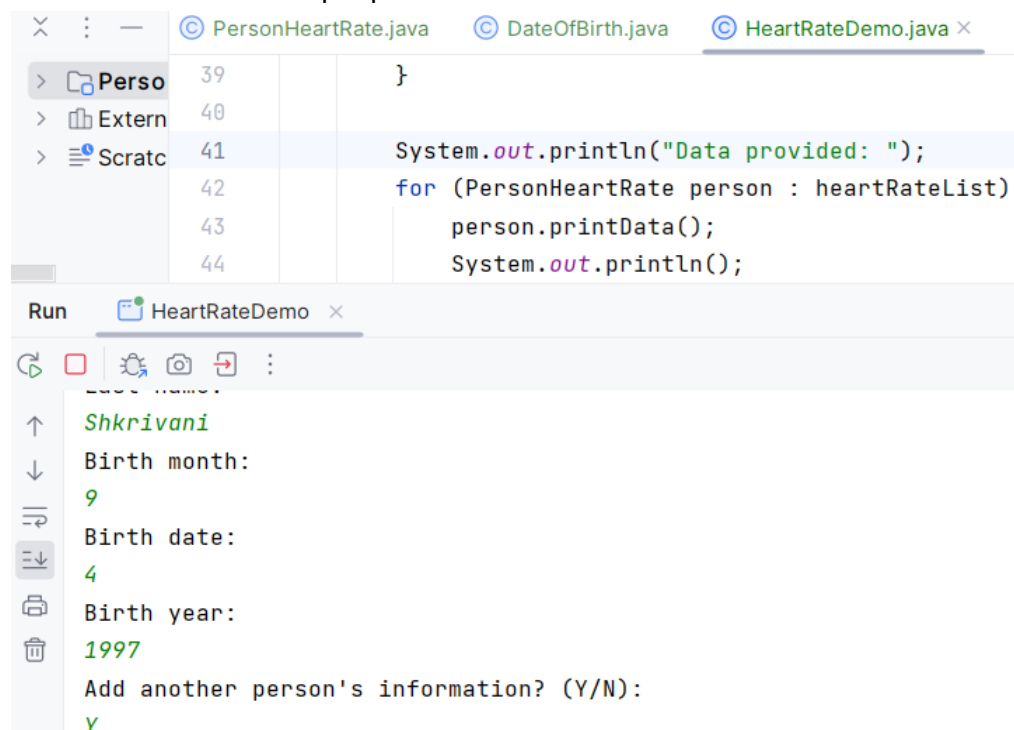
Ask for the Birth Month Day and Year —



The screenshot shows an IDE with three tabs: PersonHeartRate.java, DateOfBirth.java, and HeartRateDemo.java. The HeartRateDemo.java tab is active, showing a Java program that prints "Data provided: " and then iterates over a list of PersonHeartRate objects, calling printData() on each. Below the code editor is a Run console window titled "HeartRateDemo". It shows the execution of the program, which prompts for and receives the following input: First name: Viktor, Last name: Shkrivani, Birth month: 9, Birth date: 4, Birth year: 1997. The output of the program is "Data provided: " followed by the details of the person entered.

```
PersonHeartRate.java    DateOfBirth.java    HeartRateDemo.java x
> Perso 39      }
> Extern 40
> Scrata 41      System.out.println("Data provided: ");
42      for (PersonHeartRate person : heartRateList) {
43          person.printData();
44          System.out.println();
Run HeartRateDemo x
C:\Users\vikto\.jdk\openjdk-19.0.1\bin\java.exe "-javaagent:C:\Program F
First name:
Viktor
Last name:
Shkrivani
Birth month:
9
Birth date:
4
Birth year:
1997
```

Ask if want to add more people — IF Yes Press “Y”



The screenshot shows the same IDE as before, but the Run console window now shows the program asking "Add another person's information? (Y/N):". The user has entered "Y", indicating they want to add more people. The output of the program is "Data provided: " followed by the details of the person entered.

```
PersonHeartRate.java    DateOfBirth.java    HeartRateDemo.java x
> Perso 39      }
> Extern 40
> Scrata 41      System.out.println("Data provided: ");
42      for (PersonHeartRate person : heartRateList) {
43          person.printData();
44          System.out.println();
Run HeartRateDemo x
C:\Users\vikto\.jdk\openjdk-19.0.1\bin\java.exe "-javaagent:C:\Program F
First name:
Viktor
Last name:
Shkrivani
Birth month:
9
Birth date:
4
Birth year:
1997
Add another person's information? (Y/N):
Y
```

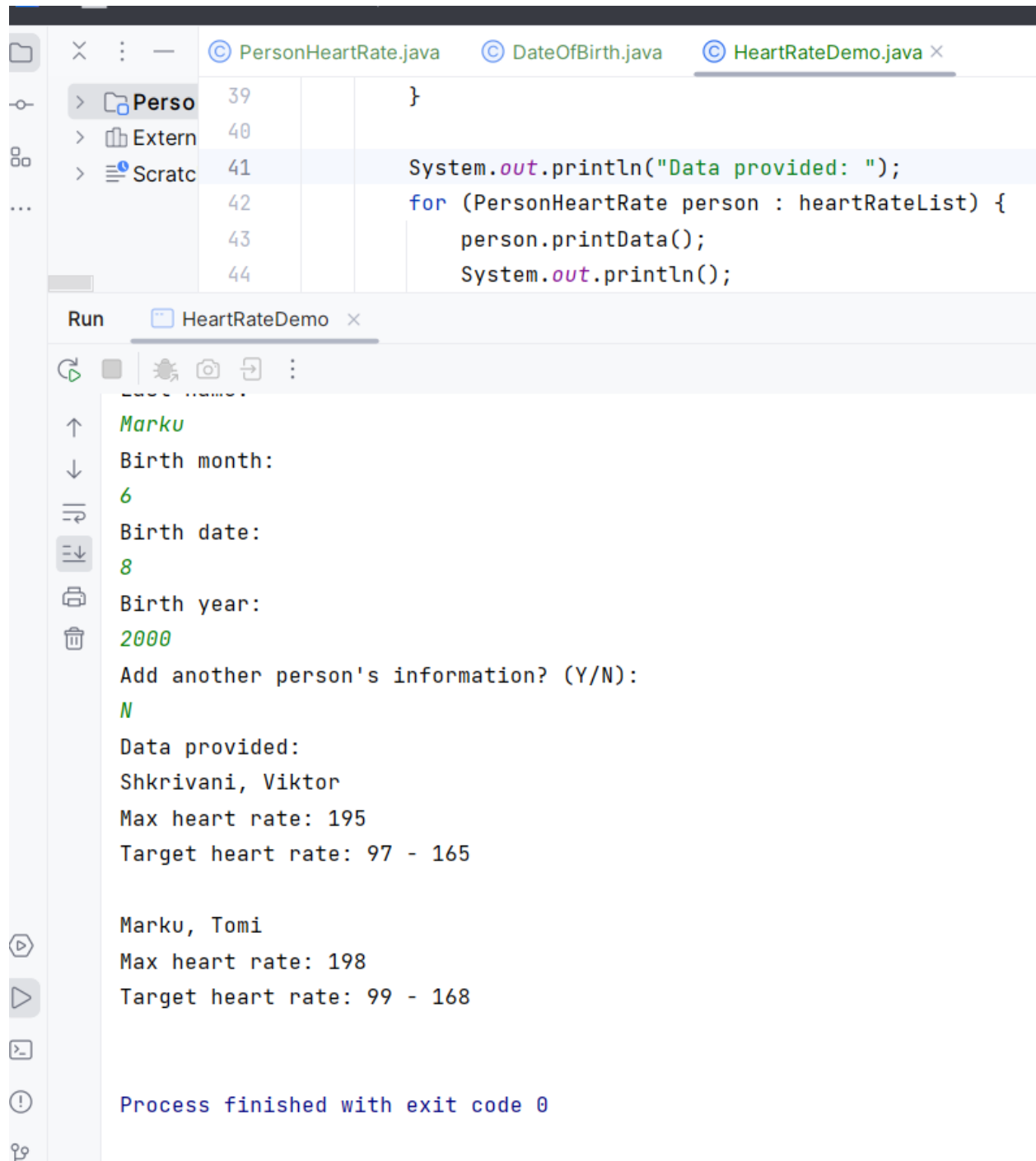
Add another person —

The screenshot shows an IDE with three open files: `PersonHeartRate.java`, `DateOfBirth.java`, and `HeartRateDemo.java`. The `HeartRateDemo.java` file is active, showing a loop that iterates over a list of `PersonHeartRate` objects and calls `printData()` on each. The console output shows the results of the first iteration, displaying the first name, last name, birth month, birth date, and birth year for a person named Shkrivani, born in September 1997. The program then prompts the user to add another person's information, and the user enters 'Y'. The second iteration of the loop is shown, displaying the first name, last name, birth month, birth date, and birth year for a person named Tomi Marku, born in June 2000.

```
PersonHeartRate.java    DateOfBirth.java    HeartRateDemo.java x
> Perso 39 }
> Extern 40
> Scratches and Consoles
42 System.out.println("Data provided: ");
43 for (PersonHeartRate person : heartRateList)
44     person.printData();
45     System.out.println();

Run HeartRateDemo x
↑ Shkrivani
↓ Birth month:
9
Birth date:
4
Birth year:
1997
Add another person's information? (Y/N):
Y
First name:
Tomi
Last name:
Marku
Birth month:
6
Birth date:
8
Birth year:
2000
```

To stop adding information and to bring back what we already added — Use “N” for NO



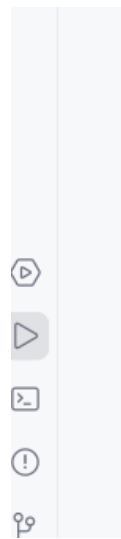
The screenshot shows an IDE with three open files: `PersonHeartRate.java`, `DateOfBirth.java`, and `HeartRateDemo.java`. The `HeartRateDemo.java` file is active, showing a `for` loop that iterates over `heartRateList` and calls `person.printData()`. Below the code editor is a 'Run' window titled 'HeartRateDemo' showing the program's output. The output displays the details of two people: Marku and Shkrivani, Viktor. It also shows the prompt 'Add another person's information? (Y/N):' with the input 'N'. The program ends with 'Process finished with exit code 0'.

```
PersonHeartRate.java  DateOfBirth.java  HeartRateDemo.java x
> Perso 39 }
> Extern 40
> Scrata 41 System.out.println("Data provided: ");
42 for (PersonHeartRate person : heartRateList) {
43     person.printData();
44     System.out.println();
Run HeartRateDemo x
↑ Marku
↓ Birth month:
6
Birth date:
8
Birth year:
2000
Add another person's information? (Y/N):
N
Data provided:
Shkrivani, Viktor
Max heart rate: 195
Target heart rate: 97 - 165

Marku, Tomi
Max heart rate: 198
Target heart rate: 99 - 168

Process finished with exit code 0
```

Final result



```
Data provided:  
Shkrivani, Viktor  
Max heart rate: 195  
Target heart rate: 97 - 165  
  
Marku, Tomi  
Max heart rate: 198  
Target heart rate: 99 - 168  
  
Process finished with exit code 0
```