

CSCI 206 Lab	Date: 10 Nov 2018
Lab10 – A Biography	Due: 16 Nov 2018
Please submit your lab in your lecture section on Moodle.	

Notes:

- Make sure to use variable names that make sense.
- Add comments to document your code. Comments are not optional.
 - Use a one-line comment before each block to describe what you are doing – don't describe the code syntax, but rather the purpose of the code. These comments should effectively describe the steps in your "algorithm."
- Use blank lines here and there to separate logical steps in your code
- Spell things carefully, including capitalization, since Java is fussy about that
- Indent things carefully
- Check your results! Testing your code is IMPORTANT!

Write a Java program to gather the following data about a user.

- Name (first and last name must be gathered here into 1 variable).
- Age
- Gender
- Hometown
- School
- Major
- Music

After gathering the data, you will need to separate the first and last name into 2 names and store them into additional variables. Let the user know if their first name is longer than their last, vice versa, or the same length.

Using the gender info you gathered, you will be able to use the proper title. Mx is the proper title for people that identify as non-binary. (Another variable will be needed for this).

See sample output on page 2. Your output needs to have all of these things but does not have to look exactly the same. You can be creative.

Completing the assigned above will give you a maximum possible score of 100. You can improve your score to a maximum of 120 by adding at least 4 more questions and adding them to the bio. Make it interesting by using anything you've learned like an if statement to determine output based on something they entered.

Things to know

- if a Scanner variable is created and called `info`
 - `info.next().charAt(0);` is the method needed for collecting the user input as a character.
 - After collecting an integer or character, you may need to add a "next line" or some of the questions may show up on the same line and messing up your data.
 - `info.nextLine();`

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```

Please enter your name: first and last. Natasha Delahunt
How old are you? 44
Please enter a letter for your gender. f
Where are you from? Columbia, SC
What school do you go to? USC
What is your major? Software Engineering
What kind of music do you listen to? Blues
Natasha is shorter than Delahunt

```

```

*****
Here is the bio for Natasha Delahunt

```

```

Natasha Delahunt is 44 and from Columbia, SC.
Ms Delahunt is currently majoring in Software Engineering at USC.
Ms Delahunt enjoys listening to Blues when not attending class.
*****

```

If statements can be used to check things so that your program does not get a runtime error.

Here is an example of how the program runs if I only enter my first name.

```

Please enter your name: first and last. Natasha
How old are you? 23
Please enter a letter for your gender. x
Where are you from? here
What school do you go to? there
What is your major? philosophy
What kind of music do you listen to? anything
Natasha is longer than

```

```

*****
Here is the bio for Natasha

```

```

Natasha is 23 and from here.
Mx Natasha is currently majoring in philosophy at there.
Mx Natasha enjoys listening to anything when not attending class.
*****

```