

CS 1101 Lab 3 - Switch statements and loops

Released on: **Tuesday, September 18th**

Due on: **Thursday September 27, 11:59pm**

How: submit zip file to Google classroom

What: A zip file named after you (LastNameFirstName-lab03.zip) containing a Java file as a solution to your problem

Lab Description

In this lab you will create a Java file, MyJavaLab03.java and complete the three outlined objectives below.

Objective 1

Print your name and student ID to the screen, in the format:

YourLastName, YourFirstName, YourStudentID

Objective 2

In the main method, prompt the user asking them which country they want to learn more about. **Keep prompting the user until they type in the word "quit".**

Note: orange text is what you print, blue text is the text the user typed in.

Example use of the program:

Type quit to exit program.

Which country would you like to learn more about:

Australia, France, Mexico, Nigeria, Philippines, USA

Nigeria

Nigeria is the seventh most populated country in the world.

Type quit to exit program.

Which country would you like to learn more about:

Australia, France, Mexico, Nigeria, Philippines, USA

Philippines

Philippines has approximately 7500 islands, with only about 2000 of them inhabited.

Type quit to exit program.

Which country would you like to learn more about:

Australia, France, Mexico, Nigeria, Philippines, USA

quit

Have a great day!

When determining what fact to display, use a **switch** statement (not an if/else if statement).

Note: the questions should be phrased exactly as they appear above. The country to unique fact table is listed here:

Country	Unique Fact
Australia	There are three times as many sheep than people living in Australia.
France	France is the world's most popular tourist destination (approximately 83.7 million visitors arrived in France in 2014).
Mexico	The first printing press in North America was used in Mexico City in 1539.
Nigeria	Nigeria is the seventh most populated country in the world.
Philippines	Philippines has approximately 7500 islands, with only about 2000 of them inhabited.
USA	Americans eat about 100 acres of pizza each day, with about 3 billion pizzas sold annually in the USA.

What do you have to turn in?

A Java file named **MyJavaLab03.java** inside a zip folder named LastNameFirstName-lab03.zip

Criteria for grading:

- [15 pts] Your lab is submitted according to specifications (proper name of file, proper format)
- [15 pts] Well commented code explaining what you are doing (clear and grammatically correct)
- [10 pts] Objective 1
- [60 pts] Objective 2

Bonus points

- [5 pts] Ignore upper / lower casing (valid input examples: Usa, MeXico, QUIT, etc.)