# Lab 01 -- Chapter 01

## Lab Description:

This lab is meant to introduce you to the Java programming language and get your computer setup with an IDE for this class.

Your first task is to choose an IDE and install it.

Next, write a program that converts a Fahrenheit temperature to a Celsius temperature.

The formula to convert a Fahrenheit temperature to a Celsius temperature is:

C = 5/9 \* (F - 32)

## Lab Requirements:

1. Create a class with a main method called TempConvert.java
2. Use the System.out and Scanner classes to communicate with the user.
3. Welcome the user to the program.
4. Let the user know how the program works.
5. Gather the Fahrenheit temperature from the user.
6. Return a message to the user letting them know the Celsius value.
7. Create a short document explaining how you tested your program.
8. Also, find the URL to the Java API. Paste the URL in your testing document.
9. Lookup the Scanner class on the API and briefly explain in your testing document what the API represents.
10. Submit your testing document to Blackboard.
11. Submit your source code to Blackboard
    1. Remember, your submitted source code must compile or a zero will be given