# Assignment 2 - Convert temperature

Re-submit Assignment

**Due** Monday by 11:59pm          **Points** 20          **Submitting** a file upload          **File Types** zip

**Available** after May 15 at 12pm

# Submission

This assignment requires to submit a zip file called **Ass2.zip**, which contains two items:

1. A NetBeans project called **Assignment2**, which contains **TemperatureConverter.java** in a package called **summer.COP2510**.
2. A java source file called **Ass2.java**, which also specifies the same package **summer.COP2510**. This file should be able to compile directly in command line.

## Console (Sample output of the Assignment2 project and Ass2.java)

```
Welcome to the Temperature Converter

Enter degrees in Fahrenheit: 212
Degrees in Celsius: 100

Continue? (y/n): y

Enter degrees in Fahrenheit: 32
Degrees in Celsius: 0

Continue? (y/n): y

Enter degrees in Fahrenheit: 77.5
Degrees in Celsius: 25.28

Continue? (y/n): n
```

# Operation

- The application (i.e., the Assignment2 project or Ass2.java) prompts the user to enter a temperature in Fahrenheit degrees.
- The application displays the temperature in Celsius degrees.
- The application prompts the user to continue.

# Specifications

- The formula for converting temperatures from Fahrenheit to Celsius is:

  c = (f-32) * 5/9

Note: The parentheses are necessary to control the order of precedence!

- The application should accept decimal entries like 77.5 or -14.9.
- Assume that the user will enter valid data. That is, there is no need to test your program for bad input data like 10g or xyz.
- The application should continue only if the user enters "y" or "Y" to continue.