

cs171: Introduction to Programming
Programming Assignment 1

Due Date: Wednesday, January 25

Points: 20

You will implement Exercise 3.4 on Page 34 of your text. Prompt the user to enter a temperature in Fahrenheit and print out the equivalent temperature in Celsius. The formatting should be as follows:

- For the first user prompt:

```
Enter a temperature in Fahrenheit:
```

- For the response:

```
XF = YC
```

where X and Y are the appropriate numbers.

You may assume that inputs are whole numbers (no decimal points). You should also force the output to be rounded to the nearest whole integer. For example: 39F is 3.8888C but should be rounded to 4C.

Be sure to follow the formatting instructions above EXACTLY.

Name your main class `Temperature` (and store it in a file named `Temperature.java`). Email me this java source file by midnight on Wednesday, January 25.

Be sure to follow proper commenting conventions including a comment header at the top and appropriate in-line code comments as well. Also follow proper formatting conventions for readability.