

Three Small Programs

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Abstract

In this assignment you will write three small programs. You can create a file for each of these programs or put each in a different method/function.

1 Three Sort

Write a program which asks the user to enter three integers. The program prints out the three integers in sorted order. For example, if the user enters the numbers 30, 10, and 20, your program will print something like:

```
sorted: 10 20 30
```

This program tests your ability to do some basic if/else logic

2 Temperature

This problem comes from your textbook. Write a program that converts a temperature from Celsius to Fahrenheit. It should (1) prompt the user for input, (2) read a floating point value from the keyboard, and (3) calculate the result.

Here is the formula. Be careful not to use integer division!

$$F = C \times \frac{9}{5} + 32$$

3 Seconds to Hours

This problem comes from your textbook. Write a program that converts a total number of seconds to hours, minutes, and seconds. It should (1) prompt the user for input, (2) read an integer from the keyboard, (3) and calculate the result. For example, "5000 seconds = 1 hours, 23 minutes, and 20 seconds".

Hint: Use the modulus operator.