Assignment 1

1. Write a program that inputs a five-digit integer, separates the integer into its digits and prints them separated by three spaces each. For example, if the user types in 42339, the program should print:

4 2 3 3 9

Hint: Use modulo operator.

1. Write a program that calculates the squares and cubes of the integers from 0 to 10. Use tabs to print a neatly formatted table of values:

Integer square cube

0 0 0

1 1 1

2 4 8

3 9 27

4 16 64

5 25 125

6 36 216

7 49 343

8 64 512

9 81 729

10 100 1000

1. Write a program that will take any value input for Celsius temperature and convert it and output it its equivalent Fahrenheit temperature.

Fahrenheit = 9/5 \* Celsius + 32

Submit **only** the source files (.cpp files) pasted in a Word document, via OMNIVOX class.