# Introduction to Computer Science and Programming 1

# CSCI120

### Chapter10: Tuples

Sample Codes

**Note:** This document has been designed and developed as part of an initiative for creating an OER (Open Education Resource) package for the course CSCI 120 at Columbia College.

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# Problem1

* Write a function that receives a tuple of integers and calculate the average of the numbers in the tuple.

# Problem2

* Define and implement function that could solve mathematical equation in the following format and find the value of x in the equation.
* Format: ax + b = c
* Example: 2x – 5 = 8

# Problem3

* Write a function that could receive an input parameter with the information shown in table (on the left) and calculate the table on the right and returns it.

Table

Description automatically generated

# Problem4

* Define and implement a function that receives the width and length of a rectangle and carucates the area and perimeter of the rectangle and return both area and perimeter of the rectangle and print them.

**Good Luck ☺**