



Columbia College
Vancouver, Canada

Introduction to Computer Science and Programming 1
CSCI120

Chapter14: Data Structures and Algorithms

Sample Coding

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

- Design and implement a function which reverse a string using Stack.

Problem2

- Design and implement a function which does insertion sort on a list of integers.

Problem3

- Design and implement a function which merge two list together in a sorted list.

Problem4

- Design and implement a function which using Stack specifies whether a string is palindrome or not.

Good Luck 😊