# Introduction to Computer Science and Programming 1

# CSCI120

### Chapter6-Assignment

Topic: String

**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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If it is a group assignment, please add the information here

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| --- | --- | --- |
| **# Of Students in the Group:** |  | |
|  |  |  |
| **Student 1** | *First name, last name* | *Student-ID* |
| **Student 2** | *First name, last name* | *Student-ID* |
| **Student 3** | *First name, last name* | *Student-ID* |
| **Student 4** | *First name, last name* | *Student-ID* |

**Problem1**

* Write a function which receives two string and checks whether one of them is substring of the other one.

# Problem2

* Write a python function which receives a string as input and find the maximum character in the string and returns it.

# Problem3

* Write a function which receives a string and a character as its input parameter The function finds how many time the given character has been repeated in the string and returns it.

# Problem4

* Write a function which receives a string and checks whether the string is palindrome (it is the same as it’s reversed)

# Problem5

* Write a function which receives a string and finds the index of the first substring starts with letter A. If there is no such substring it should return -1.