**MCS 173 Python Programming LAB 1 – Lists and Strings**

**Date:13/8/2020 Time:2-4PM**

1. Given two integers C and U, return any string S such that:

S has length C + U and contains exactly C 'c' letters, and exactly U 'u' letters;

The substring 'ccc' does not occur in S;

The substring 'uuu' does not occur in S.

Example 1:

Input: C = 1, U = 2

Output: "cuu"

Explanation: "cuu", "ucu" and "uuc" are all correct answers.

Example 2:

Input: C = 4, U = 1

Output: "ccucc"

1. Given a list, rotate the list to the right by k places, where k is non-negative.

Example 1:

Input: [1,2,3,4,5] k = 2

Output: [4,5,1,2,3]

Explanation:

rotate 1 steps to the right: [5,1,2,3,4]

rotate 2 steps to the right: [4,5,1,2,3]