

# CSE 232

## Systems Programming

2017 Spring

### Assignment 7

Last Submission Time: 23.4.2017, 23:45

#### Purpose of This Assignment

The purpose of this Assignment is to have experience on shell scripts with loops, files and arrays.

In this assignment, you will find the longest match in given two sequences composed of integers. You will read the sequences from files specified as command line arguments.

1. Read the contents of 1st file into array1
2. Read the contents of 2nd file into array2
3. In a loop, search for the longest match in array1 and array2.

Ex: If your script is executed specifying inputs file1.txt and file2.txt with the contents given in Table 1, the output should be the following

4  
8  
3  
6

Filename	file1.txt	file1.txt
Contents of the files	5	4
	6	18
	25	15
	12	6
	<b>4</b>	25
	<b>8</b>	33
	<b>3</b>	<b>4</b>
	<b>6</b>	<b>8</b>
	2	<b>3</b>
	35	<b>6</b>
		45

Table 1. Sample input files

## **SUBMISSION**

Save your script as “nameLastNameID.sh” and submit it using COADSYS.