

# CSE 232

## Systems Programming

2017 Spring

### Labwork Assignment 8

**Last Submission Time: End of lab hour**

#### **Purpose of This Labwork**

The purpose of this experiment is to practice on shell scripts with loops, files and arrays.

In this labwork, you are expected to multiply the contents of two files whose names are specified as command line arguments.

1. Using while loops, read the input files line by line. In each iteration of these loops, write the number in the corresponding line of the file into an array. When the loops are finished, you should have the number of lines in a variable named *count*.
3. After quitting the loops, create another loop to traverse the arrays so that corresponding elements in the arrays are multiplied and the results of these multiplication operations are displayed.

Number of lines in the input files are equal.

Example: Assume that the input files are file1.txt and file2.txt with the following contents:

file1.txt:

3  
8  
4  
15

file2.txt:

3  
5  
4  
2

When your script is executed, the output should be:

9  
40  
16  
30

## **SUBMISSION**

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