

## Lab Assignment, Section-B

### Question-1:

Input array size  $n$  and an integer  $k$  ( $k \leq n$ ). Initialize an array of  $n$  random numbers from 0 to 99. Show the sum of every group of  $k$ - element sequentially. Use pointer

### Question-2:

Write a program to input a number (num). Write multiplication table for num in a text file "Table.txt".

### Question-3:

Input a string. Define a function Trim () that accepts the string as pointer. Delete the spaces from beginning and end of the string.

### Question-4:

A name is valid if

1. It consists of only alphabets and no space.(Code : Alphabet Error)
2. Maximum length is 8 (Code: Max length Error)
3. The first letter is capital and all other letters are small. (Code: Case Error)

Write a program to input a set of names and check if it is valid or not. If it is valid then print appropriate message. If it is not valid, then show the error code. Use a function to check validity of name