

# Lab Exercise 1

1. Declare an integer array to store the first 10 prime numbers.
2. Using the array declared in Q1, provide the following:
  - a. Sum of all the 10 numbers
  - b. Product of all the 10 numbers
  - c. Minimum value among the 10 numbers
  - d. Maximum value among the 10 numbers
3. Declare three 2D arrays of size 4x4. Ask user to input two matrices of size 4x4. Store the values in the two out the three arrays. Add the two matrices (arrays) and store the resulting matrix in the third array.
4. Declare a string variable and ask user to enter their name in lowercase. Store user's input in that variable. Convert the variable value to uppercase, and then print it.