Ahsanullah University of Science and Technology

Department of Computer Science and Engineering

CSE3200 (Software Development – V)

Spring – 2021

Assignment – 01   **Marks: 8+7 = 15**

Take user input for all the problems.

Sample for User Input: string userName = Console.ReadLine();

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1. **Write a program to perform the following operations. (Print after each operation)**
   a. Create a list and put the following words in that list.

      "Apple Red Purple Pineapple Yellow Blue "
   b. Create a second list and put the following words in that list.

      "Black Silver Mango"
   c. Insert the first list on the top of the second list.
   d. Keep only the color names in the list and discard all others.
   e. Convert the list items into Uppercase.
   f. Take a string variable and put all the items from the sorted list into that variable. Separate each item with a comma and space.

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2. **Write a program to find the product of two matrices**

Input: 01

Matrix 1

2	-3	1
2	0	1
5	2	1

Matrix 2

2	5	3
5	0	1
1	4	2

Output: 01

-10	14	5
5	14	8
21	29	19

Input: 02	Output: 02
Matrix 1	Invalid Input (cannot be multiplied)

Matrix 1

100	5	-4
2	0	4

Matrix 2

100	5	-4
2	0	4