



University of Asia Pacific
Department of Computer Science and Engineering
CSE 103: Structured Programming Language
Class Test 02, Spring 2018, Section: C
Total Marks: 20, Time: 25 minutes

Name:

ID:

1. Write a code to take **10 integer numbers** as input, **store** in an array and sort the array in **ascending order**. [10]

2. Write a C program to take a string as input and turn the capital letters into small letters.

Sample Input: FIFA World Cup 2018

Sample Output: fifa world cup 2018

[5]

3. Complete the following code. After completion, this code should be able to print the **summation of numbers in each of the rows** of the matrix. Expected output for the given matrix is: **7 14 10** [5]

```
#include <stdio.h>

int main() {
    int matrix[3][2] = {
        4, 3,
        5, 9,
        2, 8
    };
    int i, j, sum;

    for (.....) {

        sum = 0;

        for (.....) {

            ..... += matrix[i][j];
        }

        printf(".....");
    }
    return 0;
}
```