

Name:  
Section:

Assessment: **String and Structure**

1. Create a template for a structure of student record consisting of five fields: Student ID(int), first name(string), last name(string), total units completed(int), and accumulated grade point average(float).

2. Create a structure that can describe a restaurant. It should have members that include the name, address, average cost, and type of food available.

3. Declare an array of structures with 12 elements. Each element is a structure with three fields. The first field shows the month in numeric form (1 to 12). The second field shows the name of the month. The third field shows the number of days in the month.

4. Write a program in C to count total number of alphabets, digits, and special characters in a string.

Test Data

Input the string: Welcome to Programming 2.

Expected Output

Number of Alphabets in the string is: 20

Number of Digits in the string is: 1

Number of Special characters in the string is: 4

5. Write a C program to sort a string array in ascending order.

Test Data

Input the string: programming

Expected Output

After sorting the string appears like:

aggimnopr