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| **Branch/Semester** | B.Tech CSE (AI & ML) / Semester I |
| **Subject Name:** | Computer Programming |
| **Subject Code:** | 01CE2101 |
| **Assignment:** | Practice Questions (String) |
| **Date:** | 7th September 2025 |
| **Faculty Name:** | Prof. Abhishek Chauhan |

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| **Sr.** | **Question** | **CO** | **BL** |
| **1** | Write a C program to read and display a string entered by the user. | CO3 | BL3 |
| **2** | Implement a program to find the length of a string without using library functions. | CO3 | BL3 |
| **3** | Write a program to copy one string into another without using strcpy(). | CO3 | BL3 |
| **4** | Write a program to concatenate two strings without using strcat(). | CO3 | BL3 |
| **5** | Implement a program to compare two strings without using strcmp(). | CO3 | BL3 |
| **6** | Write a program to reverse a string without using library functions. | CO3 | BL3 |
| **7** | Write a program to check whether a string is a palindrome or not. | CO3 | BL3 |
| **8** | Implement a program to count the number of vowels and consonants in a string. | CO3 | BL3 |
| **9** | Write a program to count the number of words in a given string. | CO3 | BL3 |
| **10** | Write a program to convert all characters in a string to uppercase without strupr(). | CO3 | BL3 |
| **11** | Write a program to convert all characters in a string to lowercase without strlwr(). | CO3 | BL3 |
| **12** | Implement a program to remove all spaces from a string. | CO3 | BL3 |
| **13** | Write a program to count the number of digits in a string. | CO3 | BL3 |
| **14** | Write a program to count the number of special characters in a string. | CO3 | BL3 |
| **15** | Write a program to replace all vowels in a string with ‘\*’. | CO3 | BL3 |