

Computer Engineering Department ,S.V.N.I.T. Surat.

B Tech (CO) –IInd Year semester-III

Course: Data Structures CO203

Assignment-I

Note: Write all the program logic/functions in the user-defined header file “mystring.h”. Your user-defined function should work similarly to the in-built function of the library header file string.h.

1. Write a program to find the length of a given string.
2. Write a program to concatenate two given strings.
3. Write a program to copy one string to another string.
4. Write a program to compare two given strings.
5. Write a program to search for the first occurrence of the character ‘c’ in the given string.
6. Write a program to find if a substring is present in a given string or not?
7. Write a program to generate the reverse of a string.
8. Write a program to replace all vowels with star (*) and consonants with hash (#) in a string.