

Readme

Assignment-0

Pointersorter (String Sorting)

CSC 214(System Programming)

Partners: Aksharkumar Patel (ahp75) (Section-04)

Bhavinkumar Patel (bp412) (Section-02)

- The Assignment has been created to organize a single string input. The input given provide an alphabetic and non-alphabetic with various special characters. A special character may vary as numbers, symbols and spaces. The input string using command input and saved in array using memcpy() function and find a length of the string. Find each character in the string that is it alphabet or non-alphabet and rid of non-alphabet characters and count an alphabet characters and break into a word. After breaking into word and figure out word length and make a array of pointer.
- A malloc() is creating a block or giving a memory dynamically to store a string. After that help with an array of pointer to store a word as a string in a memory which is created by malloc() along with length of word.
- Now malloc() has a string which contains only alphabetic characters. After storing each word use sorting to get result into descending alphabetic order using bubble sort concept.
- Finally, get a result according to project requirements.