

## **Department of Computer Science & Technology**

Central Calcutta Polytechnic

### **Subject: System Programming and Compiler Design Lab**

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Semester: 6<sup>th</sup> Semester

**Assignment No.:2**

**Last Date of Submission: 17/06/2022 with in 11.30 AM**

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Implement the programs using C Language

1. Radix Sort
2. (a). Program to write text in a file.  
(b). Program to read and display it.  
(c). Program to count number of characters.  
(d). Program to count number of words.  
(e). Program to count number of lines.  
(f). Program to copy contents of one file to another file.
3. Write an algorithm to implement Lexical Analyzer

**Write program by handwritten. Write each page Name, Roll number and Signature.**