

MCS172- UNIX OPERATING SYSTEM

Task for Lab 3 and Lab 4– 12/8/2020

CIA Rubrics for Lab3 and Lab4:

- 1. Correctness of the program (5 marks)**
 - 2. Complexity of the program (2 marks)**
 - 3. Validation & Formatting (1 marks)**
 - 4. Concept Clarity (Viva) (2 marks)**
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[Basic File operations using C-Application level]

1. Write a C program to create a text file which contains multiple lines. After the successful file creation do the following task. (Ungraded)

i) Read the content of the text file and count the number of lines and words and display it on the screen.

ii) Append any two new sentences into a created text file and display the content on the screen.

Hint:

The file name can be “myfile” and add your personal and professional details of UG into myfile. Use append to add your PG details into the same files using

2. Write a system program using C to implement file operations with help of open (),read(),write(),close() system calls.(10 Marks)

Hint:

The file name can be “file2.txt” and write the given text as “I AM UNIX OS”.
