

Manipal School of Information Sciences

(A constituent college of MAHE, Manipal)

Fast Track C Lab Test

Date: 14-October, 2023

Batch: 2

Time: 11.15 am – 1.15 pm

Total Marks: 50

Instruction:

- Students are free to refer textbooks and notebooks
- Browsing the net in the duration of exam is considered as malpractice
- Use appropriate names for variables and functions
- Avoid global variables

Write a C program to create 50 files with names file*i*.txt (ie. file1.txt to file50.txt) - 10 Marks

Store 'pqr*i*.dat' into the file . After writing close all files. - 10 Marks

For example:

file1.txt contains pqr1.dat

file2.txt contains pqr2.dat

.

.

file50.txt contains pqr50.dat

Open each file (file*i*.txt, let us call it as old file), read its content and create new file with file name as contents read from old file. Content of new file should be the name of old file.

For example: - 10 Marks

file1.txt content is pqr1.dat, so, create a file with name pqr1.dat with the content file1.txt

file2.txt content is pqr2.dat, so, create a file with name pqr2.dat with the content file2.txt

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.

File50.txt content is pqr50.dat, so, create a file with name pqr50.dat with the content file50.txt

Display the content of each file with the file name - 10 Marks

For Example

Filename: file1.txt Content: pqr1.dat

Filename: file2.txt Content: pqr2.dat

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.

Filename: pqr1.dat Content: file1.txt

Coding convention, comments and readability of the code - 10 marks

Note: You are not allowed to make use of any array. Only one addition file can be used
