

**SSN COLLEGE OF ENGINEERING, KALAVAKKAM**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**TUTORIAL – 3 Security & File Permissions 10<sup>th</sup> July 2019**

**Task 1**

- Create a file cse.txt with default permission
- Check the permission of cse.txt
- Remove write permission using symbolic code
- Investigate appending content to the file
- Create directory **dept**
- Check default permission for directory **dept**
- Remove execute permission for dept
- Investigate whether it is possible to modify **dept**

**Task 2**

- Use umask command to set the default permission to 700.
- Create a directory SSN and check the permission is it 700? Explain why?
- Give public access for the user the directory
- Create a file sample.txt with some contents
- Check the permission for file. Is it 600? Explain why?
- Make the umask to write protected. What is the value? Explain
- Create following directory structure in Desktop
  - SSN1->college1.txt
  - SSN2 -> college2.txt
  - SSN3->college3.txt
- Check the permissions of Files and directories.
- Give the write permission recursively
- Check whether the permissions are applied

**Task3**

- Use vi editor to type the following lines in sample.txt

This is sample file created using VI Editor

Press i to go into insert mode

Press Escape dd to delete an entire line

Esc - to terminate

Esc :w - To save the file and kept the file open

Esc :wq - To save and quit the file

a - can be used to append a character

A - can be used to append at the end of line

Escape x - will delete the character at the cursor

Escape :q quit the file without saving

Insert Commands

i - to insert at the current position

I - to insert in the beginning of line

o - To insert a new line below the current line

O - To insert a new line above the current line

Moving within a file

k - Move cursor up

j - Move cursor down

h - Move cursor left

l - Move cursor right

Prepare a document for the above-mentioned tasks along with the command and outputs and learning experience and submit