SSN COLLEGE OF ENGINEERING, KALAVAKKAM
DEPARTMENT OF COMPUTER SCIENCE
TUTORIAL – 1 Basic Commands

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Task1

To write syntax for the following system related commands after exploring various options
- Who, who am i, pwd, date, man, echo, cal, bc

Task2

To write syntax for the following commands related to file and directories
- Ls, cd, cd .., mkdir, cat (create, append, display), cp, rm, mv, chmod, grep, wc

Task 3
- Create a file mix.txt with the following contents
  - Created this file in III Sem
- Create a directory named *vegetables*
- Create a file named *file1.txt* with with 10 vegetables like the following
  - Brinjal, Carrot and Cucumber,....
- Print the working directory
- List the contents of file1.txt
- Append the following in file1.txt
  - Author: <<your name>>
- Create a directory named fruits
- Create a file named *file2.txt* with 10 fruits like the following
  - Orange, Apple and Mango,.....
- Print the working directory
- List the contents of *file2.txt*
- Append the following in file1.txt
  - Author: <<your name>>
- Move the file mix.txt to vegetables and fruits
- Concatenate the contents of mix.txt and file1.txt into file3 in vegetables
- Concatenate the contents of mix.txt and file2.txt into file3 in fruits
- View first 5 lines from file3.txt from both the directories
- Create folder sample and create os.txt with the following
  ```
  unix is great os. unix is opensource. unix is free os.
  learn operating system.
  Unix linux which one you choose.
  uNix is easy to learn.unix is a multiuser os.Learn unix .unix is a powerful.
  ```
  - Create versions of files os1.txt, os2.txt and os3.txt based on the content of os.txt
  - Search for a word 'unix' in os.txt
  - Search for the number of lines where there is match of 'unix' in os.txt
  - Search for the files which has the content 'unix'
  - Print the number of times the word 'unix' appears in os.txt
  - List the files that start with the word 'unix'
- How do you find history of commands?
- How to store history in a file?
- List the files starting, ending and containing with letters *fil*