

Tilak Maharashtra Vidyapeeth

Internal Assignments

Course: BCA - 3rd Year 6th Semester
Subject: Linux Practical
Marks: 60 Marks

Assignment 1

Perform following operations:

--- 10 Marks

- 1) Create a file and change its permissions such that the user has only write and execute permission and group and other has no permissions.
- 2) List all files beginning with the character 'P' on the screen and also store them in a file called "file1".
- 3) Display the list of last 20 files present in the current directory and store this list in a file "profile".
- 4) List all files and directories end with letter 'r'.
- 5) How will you end a process if it is not responding?

Assignment 2

Write Shell Scripts:

- 1) Write a shell script which accepts the name of the file from the standard input and then perform the number of tests on it as follows:
 - 1) Whether the File Exists
 - 2) Is the file readable
 - 3) Is the file Writable
 - 4) Is the file Executable
 - 5) Is the file is a Directory
 - 6) Is the file exists and has a size greater than zero

--- 10 Marks
- 2) Write a Menu Driven Shell Script which accepts 1 to 5 options and performs the following actions for each option:
 - 1) List the Files and Directories
 - 2) List all Processes running in the system
 - 3) Today's Date
 - 4) Users of System
 - 5) Quit to Linux

--- 10 Marks

Assignment 3

- 3) Write a Shell Script to calculate a Factorial of a Number. Number should be supplied by the.

--- 10 Marks
- 4) Write a Shell script to check whether a person is logged in or not.

--- 10 Marks