Operating System Lab

Course code: ICT-3108

Lab Report No- 01: How to install Linux operating system

i) What is Linux Operating system?
ii) Different Type of Linux Distribution.
iii) How can we install Linux Operating System?

Lab Report No- 02: Basic Command of Linux Operating System

i) What is Linux command?
ii) Write 15 commands in Linux operating system.
iii) Describe the operation of Linux basic command.(Screenshot)

Lab Report No- 03: Threads on Operating System.

i) What is Thread?
ii) Types of Threads.
iii) Implementation of Threads.

Lab Report No- 04: File operation and permission.

i) What is File Operation and File Permission in Linux Operating System?
ii) Implementation of File Operation and File Permission.

Lab Report No- 05: Connecting a database (MySQL) with Linux

i) Install MySQL on Ubuntu
ii) Log into MySQL by Linux.
iii) Create database table.
iv) Insert data into table.
v) Describe table.
vi) Alter table.
vii) Modify table.
viii)   Drop data from table.
ix) Update data of table.
x) Where and delete operation.

Lab Report No-06: Linux command for process

i) How to Manage Processes from the Linux Terminal?
ii) Run the following process commands in Linux.

Top,   htop, Ps, pstree, kill, pgrep, pkill ,killall, renice, xkill,

Lap Report No-07: Implementation of FCFS Scheduling Algorithm

   i) What is FCFS Scheduling Algorithm?
   ii) How to implementation in C?

Lap Report No-08: Implementation of SJF Scheduling Algorithm

   i) What is SJF Scheduling Algorithm?
   ii) How to implementation in C?

Lab Report No-09: Implementation of Priority Scheduling Algorithm

   i) What is Priority Scheduling Algorithm?
   ii) How to implement in c?

Lab Report No-10: Implementation of Round Robin Scheduling Algorithm

   i) What is Round Robin Scheduling Algorithm?
   ii) How to Implement in c?

Lab Report No-11: Implementation of FIFO page replacement Algorithm

   i) What is FIFO page replacement Algorithm?
   ii) How to implement in C?