Basic Programming Lab

— — 0x00

Introduction
Overview //001

- Operating System (OS)

- Installation

- Basic Linux Commands

  - Directory

  - File

  - Editor

  - Misc

Operating System (OS)
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1. Any Linux Flavour

   - Ubuntu -- 20.04

   - Fedora

2. MacOS

   - Catalina -- 10.15

   - Big Sur -- 11.0

3. Windows

   - Windows 10

   - Windows 7

4. Android

   - Android 11

   - Android 10

Installation
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-- For MacOS Users

Step1: Use Terminal

-- For Windows Users

Step1: Download &
Install VirtualBox
(.exe)

Step2: Download
Ubuntu Image

Step 3:Install Ubuntu
on VirtualBox

-- For Android Users

Step1: Install Termux

Download Links
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VirtualBox: https://www.virtualbox.org/wiki/Downloads

Ubuntu Image: https://ubuntu.com/download/desktop

Termux: https://play.google.com/store/apps/details?id=com.termux&hl=en_IN&gl=US

Installation: https://itsfoss.com/install-linux-in-virtualbox/

Basic Linux Commands
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-- <u>Directory</u>

mkdir - create directory

rmdir - remove directory

mv - move/rename directory

pwd - print working directory

cd - change directory

-- <u>File</u>

touch - create empty file

cat - show contents of file

head

tail

rm - remove file

cp - copy file

Basic Linux Commands
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-- <u>Editor</u>

nano

vi

vim

gedit

-- <u>Misc</u>

ls - show files & directories

man - help command

whoami - show current user

cal - show calender

date - show date

Assignment 0
//111

1. Make a directory inside Desktop directory (123XX4567)

2. Create a file in your directory (Assignment_1.txt)

3. Edit the document and save the following details

    Name Rollno Department

4. Upload the Assignment_1.txt