1) what hoperathy Lyden?

operating lytems is a software that manager the computer hardware of proudoles the considerat and lefter hafe entitrement for running program

It act as an interface prestures the pragram and hardware revocure that there pragram actors

what he advantages why linex as over the other

open nource:

As it is open source it source cade is early curloble. Anyone hawky pragraming knowladge un curtombre the operathy lyters. One can contribute madify distribute of enhance the cade for any purpose

that it in free to me, me can early desimple and it

House in lightwight the requirement feer reverby thuse one much ben than other operating byten. In thuse the memory faciliprit and divice space one who lawer

\* Stability:

Thuse in more stable than other as timese darenat require to reboat the futern to maintain performance level it really have up an naw sawn i has beg up - time a respondence.

Linux system praudole high purfairmance awar different n/w britise its is capable of hardling or large wenter of wer simulate

10 Name few of the Lhuse bound US

· Wenty · keli Urusi

· linux mint · Arch Chuse

· gentao

· neblan

9

what he two patting technique?

\* Abrabute pathname!

name as arguments prerumed to eschuting directory of the first charector of the pathran is the pathran is the absolute path absolute path

on! I have I new I A. Jest

& Relative pathranes.

· Relative pathonomic over either the contame werest or prevent directory as reference and & pecific path relative · A relative pathonomic who dat (-) and dauble dat (-0) notation

Define fallowing commarch with example?

-S README Chap1 chap2

\* col!

a changing the wornt directory

col commund

eseg: col .. / publ erg: Ed / home / new

ex & prud

-> / home / preu

month as a complete year to see the culender of any sepecific -> cul 19- 2021 \* pute: current dat can be diployed with the date commend es: - polut mon sep 06 9:00:00 1st 2018 & dall + 10 m \$ dat + 16h 5 dat + "1.4 "/. m" km kolln !a screetaries are created with meder commons! "The communo! Is followed by name of the directaries to be eg: muder policy ey: micoles I home / poleday : rubur; render cur remove the directory wer ribble report ! ) 00 moder plaking MJIM onn command deleted the one more file exalt should be used with caution

. (8 copler a file ar group of files eg: cp first of set · more the file from one parition to another · Mu command is west rename the file eg:- mv chaps shaps d chmocol · chunghy the file poundulon eg. chood ugotsi flort dext: eselt command in bruse is used to escit the shell where It is coveretly oriently it take one ar mary prometer as IN Janol exist the shell with return of states or by n by provided then it singly return the status of last communal that he esclented est: " esct & Listary history command is wed to were the prenamely executed command this feature was not awallble in the Bawere shall in both shell testory command shawer the whole lest of the Commerol eg: & hertory & true in tree is a recurring directory letting pragram that presidences a depth - indicated letting of file with 100 augment free let the files in the current directory ey: - plrue - u./esteu ->>/estes demol Sand Last sanle . Les

+ whorami;

it displays the mornance of the current over when the command is invaled

eg: whowni

-> ABCD

bile with thename " hellaward test", of ten which orban is - I helloward test and arriver the operful

- TW- 7-1-1 - 1 mer 0 sep 6 7: 20 hellawards tout

1 Name few test editor of linux

\* Vi / vim editar

& Nano editar

" gedet editor

\* Subleme testedilor

+ gno emacs

\* guimeditas

a vecade

a Afon edition

\* Lublem festedetar

(8) will down the Steps brushed in fallowing Generale?

8tep:1

touch sumple . fixt

8 tep? - then open felle with now edilor

Steps: than edit file with Name, won, college name, messon ABCD usuacsuor sentilute & fechnology

```
Step4!
  Some the file with the to sold why chal & X
 Expline the commonds livis of for fallowing
 @ smidles des / oler & des 3
  olls 1
   dine
(5) & muchin - p der/ / der 2/ der
   31
  -> oll11
   $ de der,
  -> - desz
    & In dis 1/olis z
  - sellors
Oco & & fauch file. tou
  -> 3h
    Jul . ha
( cp file 1. toch
                   dire & 1 fle q. tock
 & h der z
   ollo3
   filer, but
Deverte the main two chonad techniques with an
example each
relative porodulos!
 . chorade only change the parallelon specifical in the
command live and leave the other permissions unchanged
                    operation
                                        permulas
  4- un
                    + aulys
                                        or - read
  y-graup
                     - remove
                                        w-write
  0 - other
                                         x - execute
                     = abralufe
  a - all (ugo)
```

abrabate pormbulon: · 11 the wovert file permenton are not known than Set all new permentions expledly "A strong of three octal deget in med an an exposention . The parallelon can be represented by one actual olight for each catagory Read permention - 4 (octal 100) with permention - 2 ( o that plo) Toxeent purmbulon - 1 (octal 001) est; chrowd 666 file. 1sct 1 How to surrame a file in deruse ?, glue escample o certif MU command review (many) fle . It does not crewt or copy of the fele & now rename it asc! mu chay of man of (1) create test file with any name and glue all the permission to mor, Revol & resemble permission to group and only reveal permission to other -> Stauch Sampl. Isch - JW-J - \_ J-& charaol Utu sample. text & chancel g +51 x sample. Free sample. Let 1C+0 bound & gh-1 sample. Ist - JUXJI-XJI-