USP (cie-2) 20155 RUSP

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PART: A

Hand Link.

Soft Link.

- · Does not vilate a new mode.
- · It can't link files across different file system
- · It increases the hard link count of the file
- "It can't link directory files, Unley it is done by supertusu.
- In /usr | cse | abc | uso/cse/ In-s/uso|cse/obc | vsr/cse/nyz. · tg:

It creates a new inode.

It can link files across different file systems.

Does not change the hard link count of the file

It can link directory files.

Syntax:

Syntax

Syntax

Syntax

Syntax

In -storiginal filenany [link name]

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PART: B

26) (i) to I I grep 'd'

(a) 26) (i) first go to home directory.

To list all directories use:

Is - I grep '^d' - displays all the disectories present

(or) of all files and i/p to grep cmp.

find \$HOME - type d - print

(ii). We cut filters to get field of empid and me me pipe operator to send this an i/p to grep.

Cut -d "1"-f 1 emp. lêt 1 grep '12' | >> cutlist. 1st

* Considuing Emp. 1st as Empid | Name | Designation

we can also use:

grup "12" Emp. 1st | cut -d" | "-f 1 | tee cutlist. let.

(IB)

Muys

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(ii) wring churod and.

Head permission octal = 4 write permission octal = 2 execute permission octal = 1

To enable gine only read by write panission => 4+2 = 6.

\$ Chmod 666 sieverse. Sh

(iv) trap 'echo "Handling et 81+d and Ctrl+2" 3 20,

(V) ls-l-s/sort-k5-n lascending file size in 5th field.

OC.

ls -l -s/ sort -x -k 5 -n //descending.

in home director:

18 - l - S / home / 1 sort - k 5 - n

or ls - l - S (home / 1 sort - r - k 5 - n

20

Khuja

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20) (i) to -cd '11' < Emp. 1st to delete all characters except '1'

(ii) cut -d "1" -f 3 emp. 1st 1 grep -c "director"
no. of times "director" pattern owned is
displayed.

(iii). tail - 8 emp. 1st >> Ise. +xt.

> fetches last 8 lines and appends to Ise. +xt.

2a) liet of actions to be performed:

- I list all the files using find command and identify the ones with last modification date of that day with Just temp disectory.
- a link file, a symbolic link file in the directory /home/apple
-) New ever will be able able to access these from / home / apple.

(D)

Ando

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PART - C.

3a). # !/bin/bash echo "Enter a string" read sts len = \$ (expr length \$ sto) Count = 0 while ['\$len - gt o] do ch = \$ (echo \$str | cut - c \$ len) case &ch in [AEIOVaciou]) 3 count = \$ ((\$ count +1)) echo \$ch esac len = \$((\$len-1)) done echo \$count

3

Shurya

then

echo "Argument not found"

exit

else

for x in "\$@"

do

y = 'echo \$* | cut -d " -f \$ic

temp =

ya) S=0. revase="" temp= echo "Entre a string."

Pread str

len = echo \$str | we - c'

len = expr \$len - 1'

i=1

j='expr \$len | 2'

while [\$i - le \$i]

clo

K= 'echo \$str /cut -c \$i'

l= 'echo \$str /cut -c \$len'

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then

cho "String is not palinderome"

exit

fi

i='exp* \$i+1'

len='exp* \$len-1'

done

echo "String is palindrome"

ya

Shings