Lab   Tasks

By

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Submitted to: Ma'am Kausar

Subject: Operating System

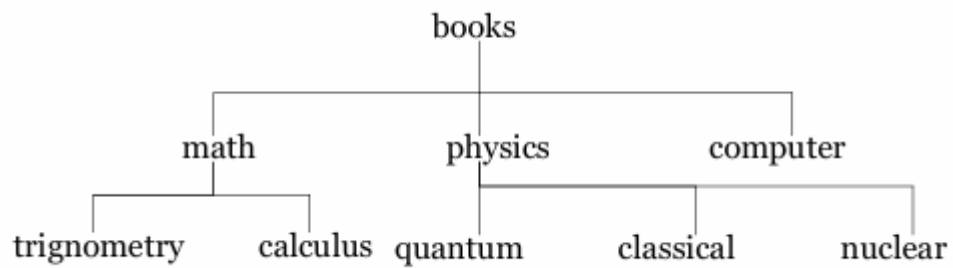**Date**:7/9/2023

BSCS SEMESTER – 5

RIPHAH INTERNATIONAL UNIVERSITY

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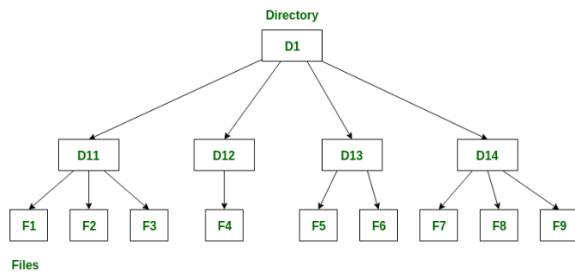
Task 01

Q1. Make the following directory


```
Loading...

Welcome to Fedora 33 (riscv64)

[root@localhost ~]# mkdir books
[root@localhost ~]# cd books
[root@localhost books]# mkdir math
[root@localhost books]# mkdir physics
[root@localhost books]# mkdir computer
[root@localhost books]# ls
computer  math  physics
[root@localhost books]# cd math
[root@localhost math]# mkdir trignometry
[root@localhost math]# mkdir calculus
[root@localhost math]# ls
calculus  trignometry
```

```
[root@localhost math]# cd ..
[root@localhost books]# cd physics
[root@localhost physics]# mkdir quantum
[root@localhost physics]# mkdir classical
[root@localhost physics]# mkdir nuclear
[root@localhost physics]# ls
classical  nuclear  quantum
[root@localhost physics]#
```

Task 03


```
Loading...

Welcome to Fedora 33 (riscv64)

[root@localhost ~]# mkdir D1
[root@localhost ~]# cd D1
[root@localhost D1]# mkdir D11
[root@localhost D1]# mkdir D12
[root@localhost D1]# mkdir D13
[root@localhost D1]# mkdir D14
[root@localhost D1]# ls
D11  D12  D13  D14
[root@localhost D1]# cd D11
[root@localhost D11]# touch F1
[root@localhost D11]# touch F2
[root@localhost D11]# touch F3
[root@localhost D11]# ls
F1  F2  F3
[root@localhost D11]# cd ..
[root@localhost D1]# cd D12
[root@localhost D12]# touch F4
[root@localhost D12]# ls
F4
[root@localhost D12]# cd ..
[root@localhost D1]# cd D13
[root@localhost D13]# touch F5
[root@localhost D13]# touch F6
[root@localhost D13]# ls
F5  F6
[root@localhost D13]#
```
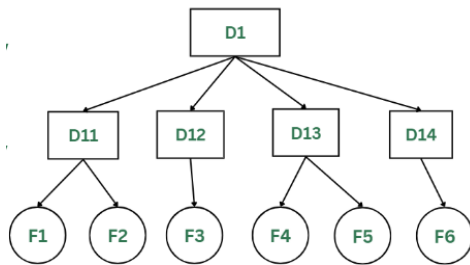
```
[root@localhost D13]# cd ..
[root@localhost D1]# cd D14
[root@localhost D14]# touch F7
[root@localhost D14]# touch F8
[root@localhost D14]# touch F9
[root@localhost D14]# ls
F7  F8  F9
[root@localhost D14]# cd ..
[root@localhost D1]# cd
[root@localhost ~]# ls
bench.py  D1  hello.c
[root@localhost ~]#
```

Task 04

Make the following directory


```
Loading...

Welcome to Fedora 33 (riscv64)

[root@localhost ~]# mkdir D1
[root@localhost ~]# cd D1
[root@localhost D1]# mkdir D11
[root@localhost D1]# mkdir D12
[root@localhost D1]# mkdir D13
[root@localhost D1]# mkdir D14
[root@localhost D1]# ls
D11  D12  D13  D14
[root@localhost D1]# cd D11
[root@localhost D11]# touch F1
[root@localhost D11]# touch F2
[root@localhost D11]# ls
F1  F2
[root@localhost D11]# cd ..
[root@localhost D1]# cd D12
[root@localhost D12]# touch F3
[root@localhost D12]# ls
F3
[root@localhost D12]# cd ..
[root@localhost D1]# cd D13
[root@localhost D13]# touch F4
[root@localhost D13]# touch F5
[root@localhost D13]# ls
F4  F5
[root@localhost D13]# cd ..
[root@localhost D1]# cd D14
```

```
[root@localhost D13]# cd ..
[root@localhost D1]# cd D14
[root@localhost D14]# touch F6
[root@localhost D14]# ls
F6
[root@localhost D14]# cd
[root@localhost ~]# ls
bench.py  D1  hello.c
[root@localhost ~]#
```

Task 02

pwd (Print Working Directory)

it tells us the whole path.

ls shows us the whole list.

cd Changes our current directory to another directory.

cd .. go back

mkdir make directory

rmdir (Remove Directory

cp (Copy Files or Directories)

rm –r remove in file data

mv (Move or Rename Files or Directories)

What is BASH?

It stands for Bourne Again SHell, one of the most popular Unix/Linux command-line interpreters or "shells." A shell is a program that take commands from the keyboard and passes it to the operating system to execute. BASH is the default shell for many Linux distributions and macOS.