



## CS F372 TUTORIAL 0

1. All students are expected to have access to a working Ubuntu (20.04 LTS) set up by the first tutorial session.
2. Students may follow instructions [here](#) or [here](#) to dual boot their systems. It is also fine to use a virtual installation or a standalone Ubuntu installation. Please remember to back up all your important data before trying this, because Murphy's law is applicable.

(or)

Download the VMware workstation for Windows from:  
<https://www.vmware.com/in/products/workstation-pro/workstation-pro-evaluation.html>.

Once VMware is installed in your windows machine, follow the steps mentioned in below URL to download Ubuntu and creating virtual machine:

<https://ubuntu.tutorials24x7.com/blog/how-to-install-ubuntu-20-04-lts-on-windows-using-vmware-workstation-player>

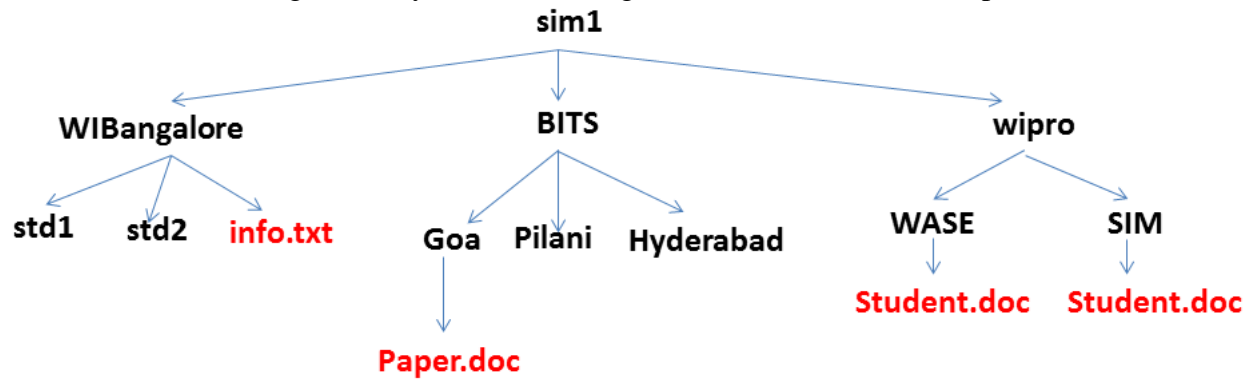
3. Write a command which displays
  1. the calendar of current month
  2. the month you were born
4. What is the result of the following commands?

| Command   | Observe and analyze |
|-----------|---------------------|
| \$cal -l  |                     |
| \$cal -3  |                     |
| \$cal -h  |                     |
| \$ date   |                     |
| \$ who    |                     |
| \$whoami  |                     |
| \$who -H  |                     |
| \$who -Hu |                     |
| \$Passwd  |                     |
| \$man who |                     |

5. Create new files using cat and ed command.
6. Assume that you are in home directory. Type the following commands and observe the results.  
\$ls  
\$ls -l  
\$ls -a  
\$ls ..  
\$ls .

```
$ls ~  
$ls ../.  
$ls ../../  
$ls -lt  
$ls -ls  
$ls -lh  
$ls -al
```

7. Construct the following directory structure (using both absolute and relative path):



Assume that your present working directory is `/home/sim1/BITS/Pilani/` Create a file **student\_id.doc** under **WASE** directory using relative path

Assume that your present working directory is `/home/sim1/BITS/Pilani/` Execute following command:

```
$mkdir ../../newdir
```

Find out where **newdir** folder is created.

8. Assume that your present working directory is `/home/sim1/BITS/` . User wishes to update the contents of file **info.txt** under **WIBangalore** using relative path. He tries to use the following:

```
$ cat > /WIBangalore/info.txt
```

```
$ cat > ~/WIBangalore/info.txt
```

```
$ cat >> ~/WIBangalore/info.txt
```

Identify the correct command.