

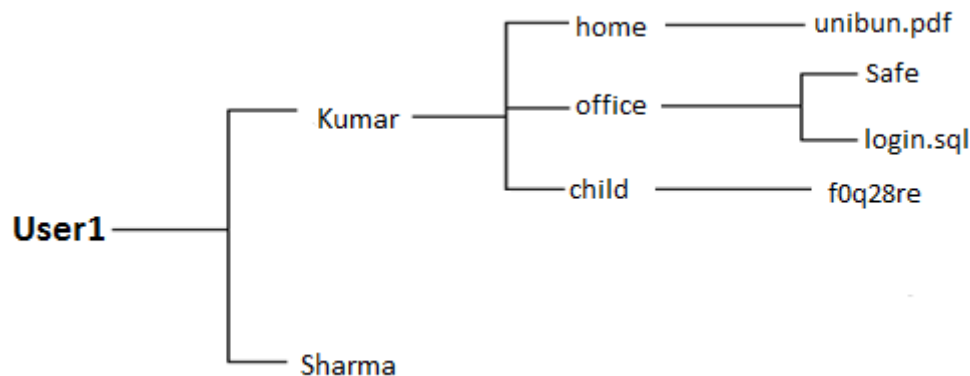
Jaypee Institute of Information Technology, Noida.

Lab Sheet 3 Unix Programming Lab Course Code: 15B17CI579

Lab Instructions: (1) Work performance of every student at the end of each Laboratory session would be graded and recorded.
(2) All lab assignments carry marks.

[C373.2]

Prepare the file structure as per fig. 1 and answer the following questions. In following fig, unbun.pdf, Safe and login.sql are files with some printable and non-printable contents and f0q28re is a folder containing hidden 2 files only :



1. Display details of all the files in home directory. Is there any attribute that can be changed by the Super-User only?
 2. Display details of all the directories in your User1 directory.
 3. Create a file **foo** in Sharma directory and make its permissions as 444. Copy it again and show the permissions of the copied file.
 4. Create a file **istart** in **Sharma** directory which should permit all users to execute the file but all users are not able to read the same file. Can you make the file istart readable for users again?
 5. Make all the files and directories executable in Kumar directory.
 6. Change the owner and group ownership of the file Safe to your name.
 7. Print the inode number a file.
 8. Use a command to create another to file **login.sql** and show the number of links associated with this and check whether the inode numbers are same or not.
 9. Create a soft link to the **unibun.pdf** and examine the inode number of this soft link.
 10. Turn off search permission for **child** directory.
 11. Use a command to change the modification and access time of a file **login.sql** to 16 Jan.
 12. Find all the files named **.pdf** in the **kumar** directory. Also use a command to search for files with the permission 666 in the **User1** directory.
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