



ABC IT Education

WE'LL TAKE YOU FROM ZERO TO HERO IN A SNAP

Linux Systems Administration

Homework 4

Use your Home Centos for this Home work

show the command that will answer each

1. Create a directory called 'training' under your home directory.
2. What are the permissions of the 'training' directory?
3. Create the directories abc, abc/first and abc/first/child under the 'training' directory using one command. Show 2 ways of doing it.
4. Change directory to the 'child' directory.
5. Verify you are in the 'child' directory.
6. From the 'child' directory create directory 'students' under the 'training' directory.
7. How can you display the contents of the /etc/passwd file?
8. How many (i) characters (ii) words and (iii) lines are in the file /etc/group. Show 2 ways to do this.

Use your Home Centos for this Home work show the command that will answer each

9. Change directory to the 'students' directory using its relative path.
10. In the 'students' directory create 3 files, myuser, mygroup, myother, using the 'touch' command.
11. Grant (add) read, write, execute permissions to all user groups for the file 'myuser' using symbolic notation. Show 2 ways to do this.
12. Grant (add) read, write, execute permissions to all user groups for the file 'mygroup' using numeric notation.
13. Set read, write, execute permissions to all user groups for the file 'myother' in 2 ways using symbolic notation.
14. Using one command revoke (remove) write permissions from group and execute permission from other for the file myother. Use symbolic notation.

Use your Home Centos for this Home work show the command that will answer each

15. Remove write and execute permissions from all users using numeric notation for the file mygroup. How can you do the same thing with symbolic notation?
16. Set the permissions for all user groups to read and execute for the file myuser. Show 3 ways to achieve this.
17. Since you are in still in the 'students' directory, use relative path to list the 'training' directory and all the directories and files below it.
18. We have not seen the 'umask' command yet, if I asked you to use it, how would you find help on the command?
19. Now it is time to clean up, so delete the following files and directories from your current location, (a) 'child' directory using 2 ways; (b) 'abc' directory recursively.

GOOD LUCK & Happy Linuxing

ABC IT EDUCATION