

# LAB 4

1. Create a folder called /tmp/myteam and change its permissions to read only for the owner, and Group and Other didn't have permission on it.
2. Try to access (by cd command) the folder (myteam)
3. Change the permissions of /tmp/mycv file to give owner read and write permissions and for group write and execute and execute only for the others (using chmod in 2 different ways )
4. Create a file with permission 444 in /tmp directory.  
Try to edit in it and to remove it? Note what happened.
5. What is the difference between the "x" permission for a file and for a directory
6. What are the minimum permission needed for :
  - a) Copy a file (permission for source file and and permission for target parent directory)
  - b) Delete a file
  - c) Change to a directory
  - d) List a directory content (ls command)
  - e) View a file content (more/cat command)
  - f) Modify a file content
7. List the user commands(/usr/bin) and redirect the output to /tmp/commands.list
8. **Count the number of users at your Machine**
9. Search on user name "games" at your machine

10. Get the logins names of Users.
11. Get the full names (comment) of Users.
12. Get all the users' names whose first character in their login is 'g'.
13. Get the logins name and full names (comment) of logins starts with "g".
14. Save the output of the last command sorted by their full names in a file.
15. Write two commands:
  - a) first: to search for all files on the system that is named .bash\_profile.
  - b) Second: sorts the output of ls command on / recursively, Saving their output and error in 2 different files and sending them to the background.
16. Display the number of users who is logged now to the system.
17. Display lines 7 to line 10 of /etc/passwd file.
18. Search for all files on the system that named ".bash\_profile" using two methods.