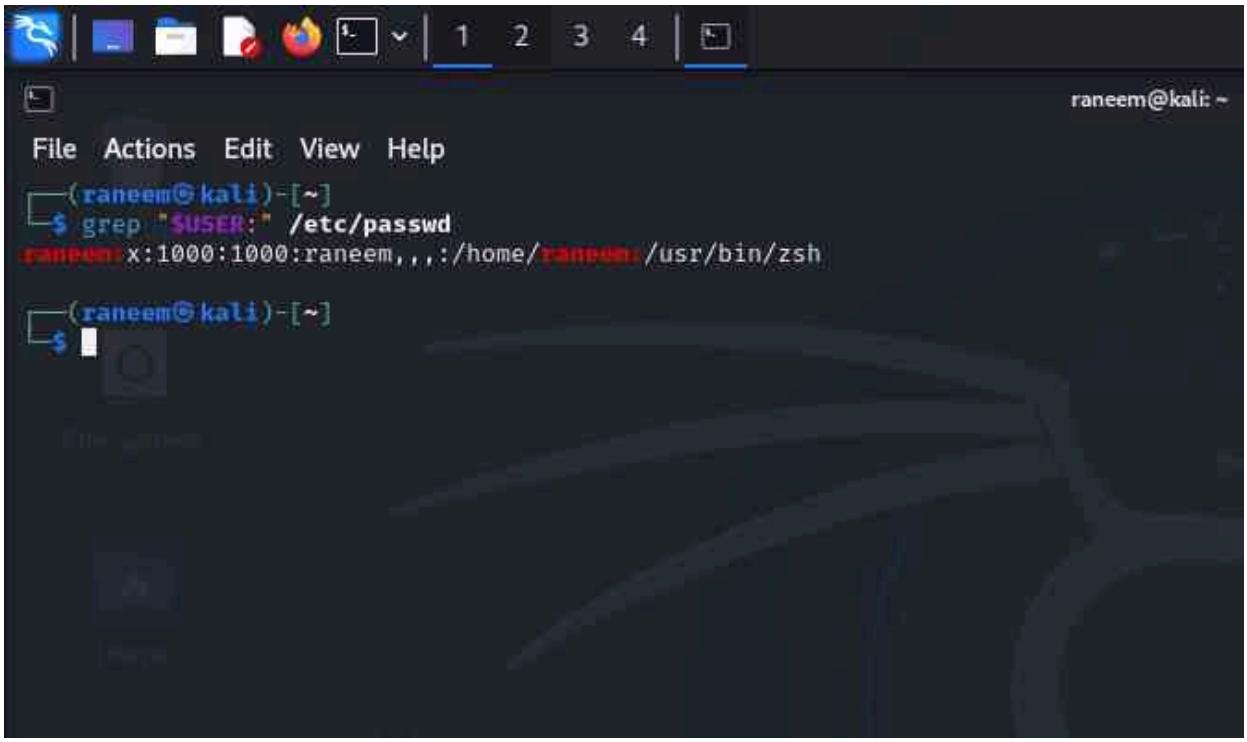
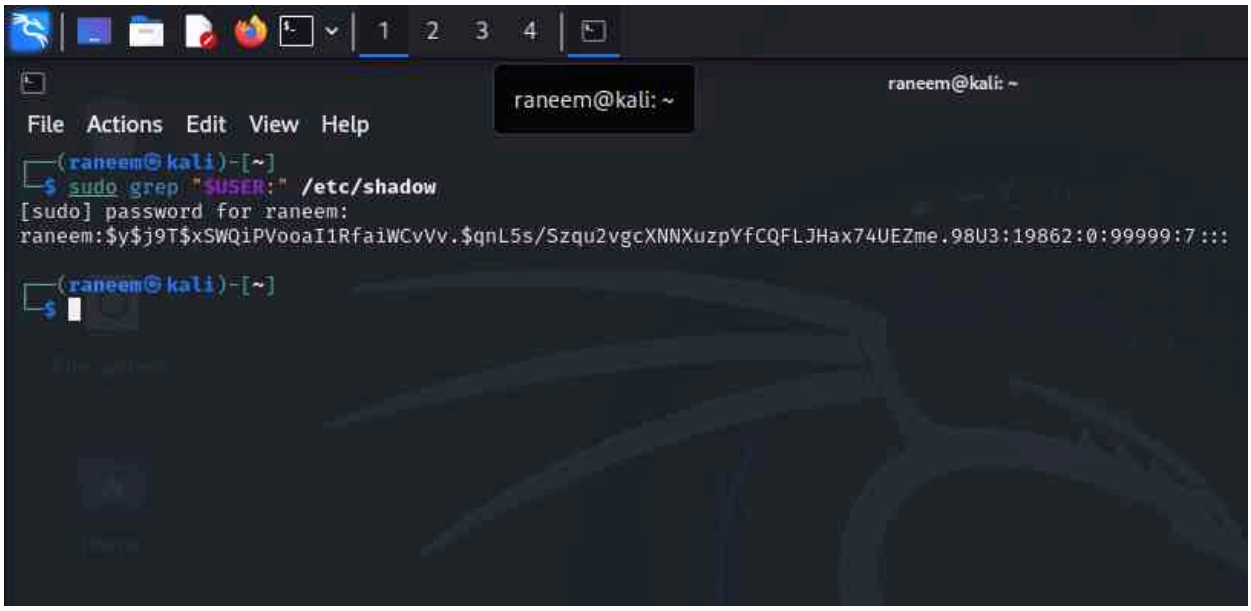
TASK A - User Account Management
In this assignment, you should replace xxxxx with your MIDAS ID in all occurrences

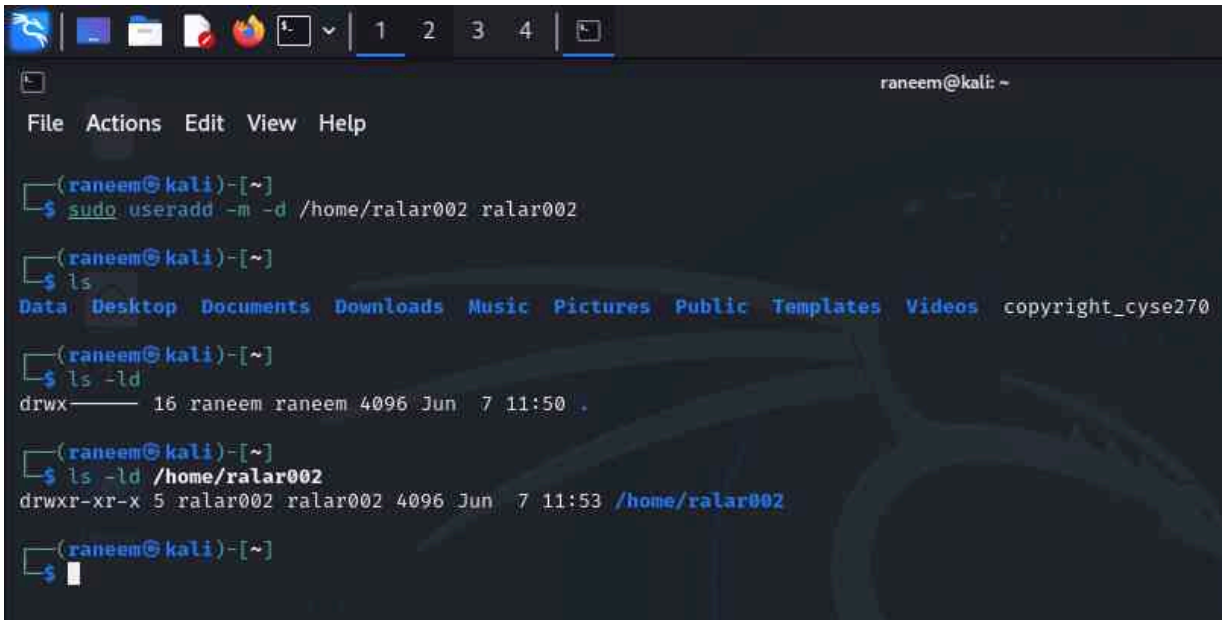
Step 1: Open a terminal window in VM and execute the correct command to display user account information (including the login shell and home directory) for the current user using grep



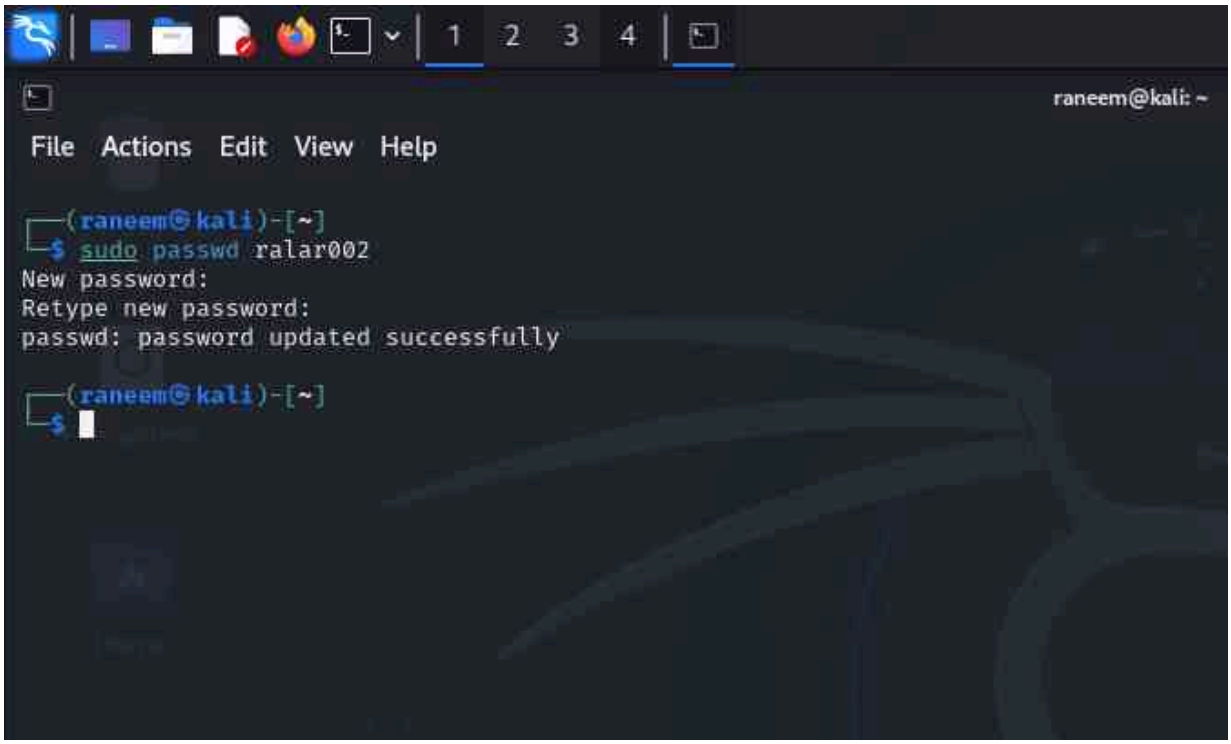
Step 2: Execute the correct command to display user password information (including the encrypted password and password aging) for the current user using grep



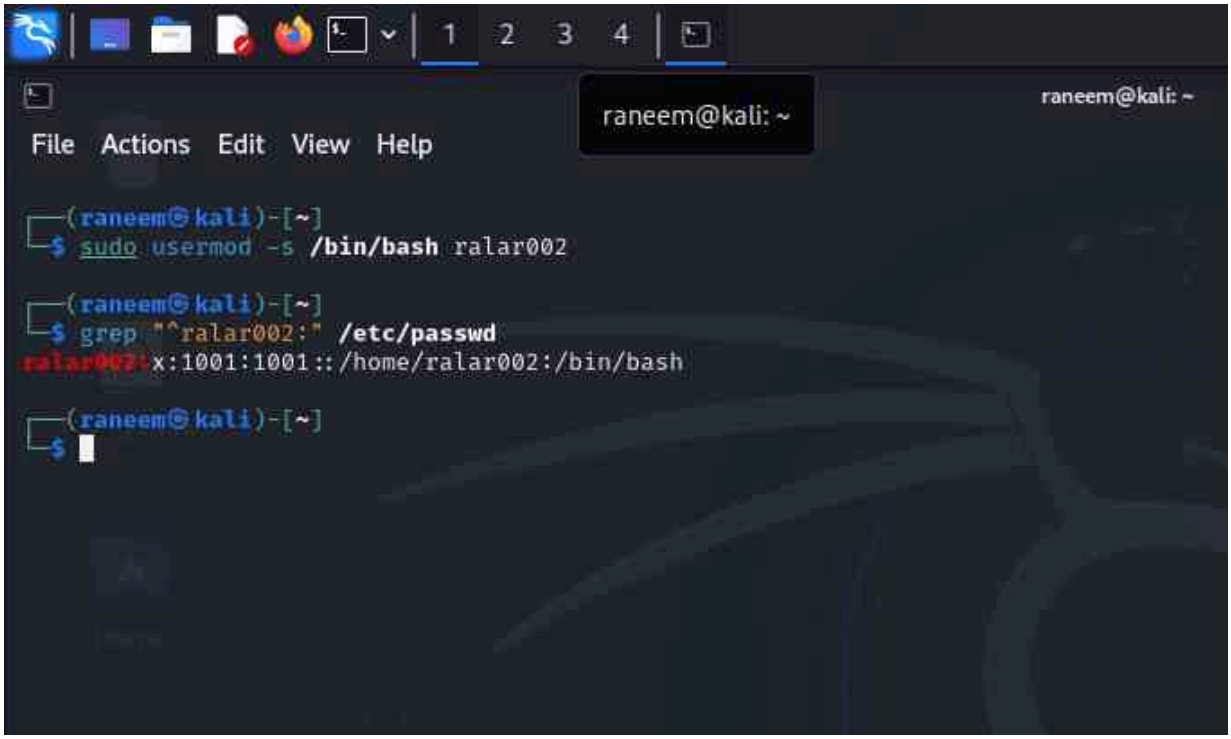
Step 3: Create a new user named xxxxx and explicitly use options to create the home directory/home/xxxxx for this user



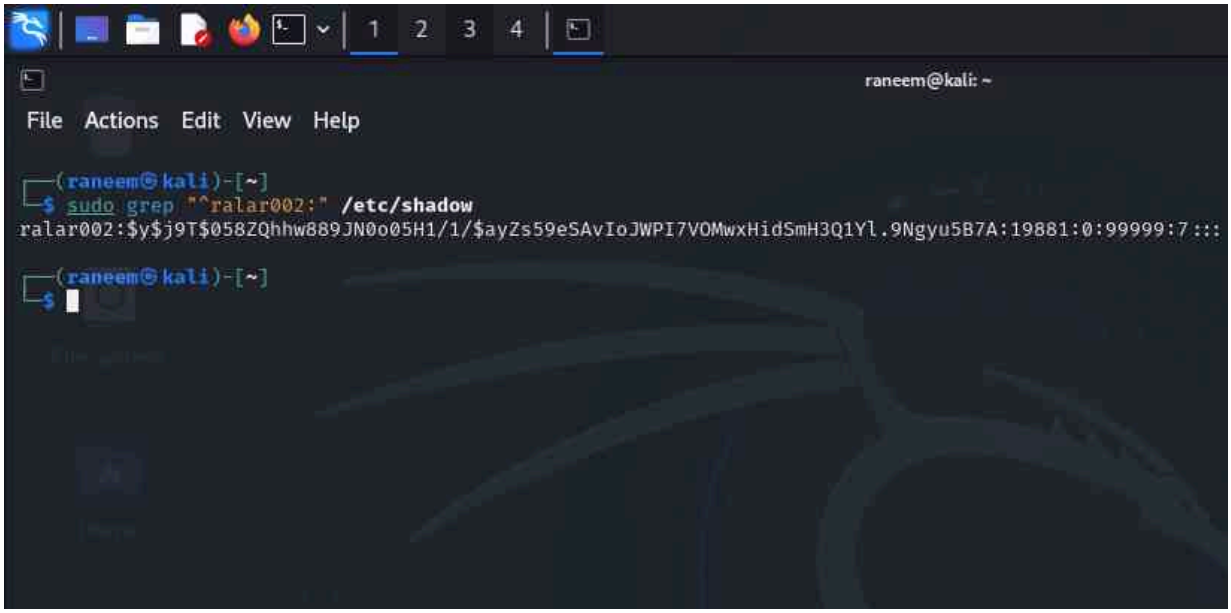
Step 4: Set a password for the new user



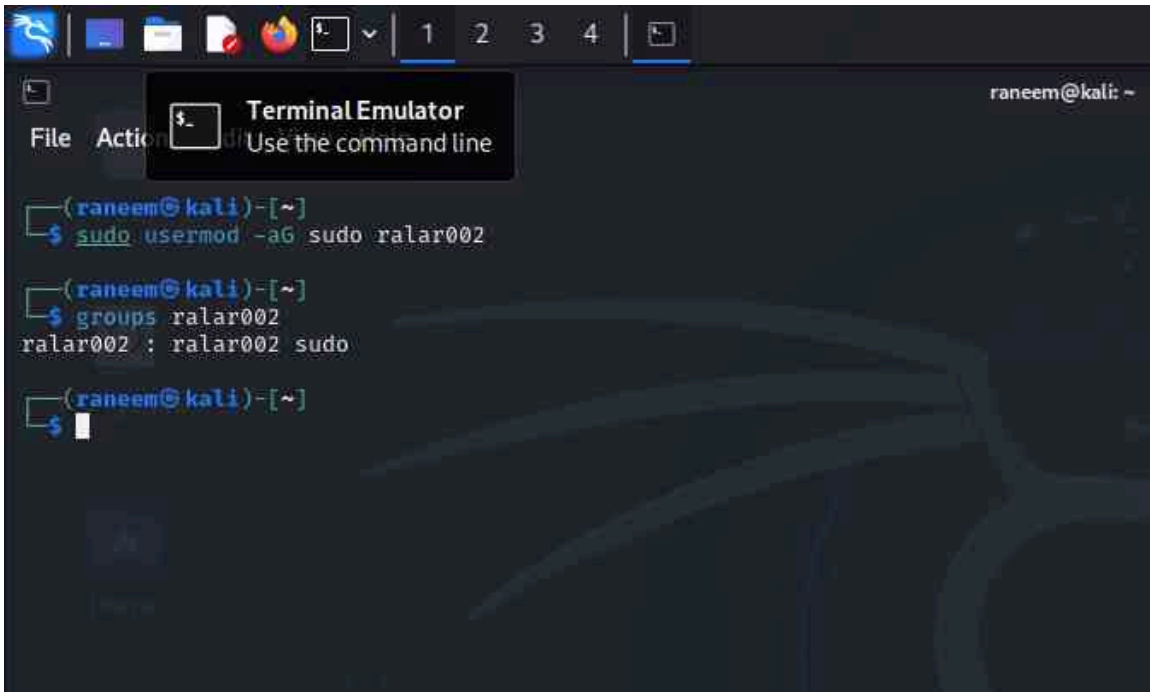
Step 5: Set bash shell as the default login shell for the new user xxxxx, then verify the change



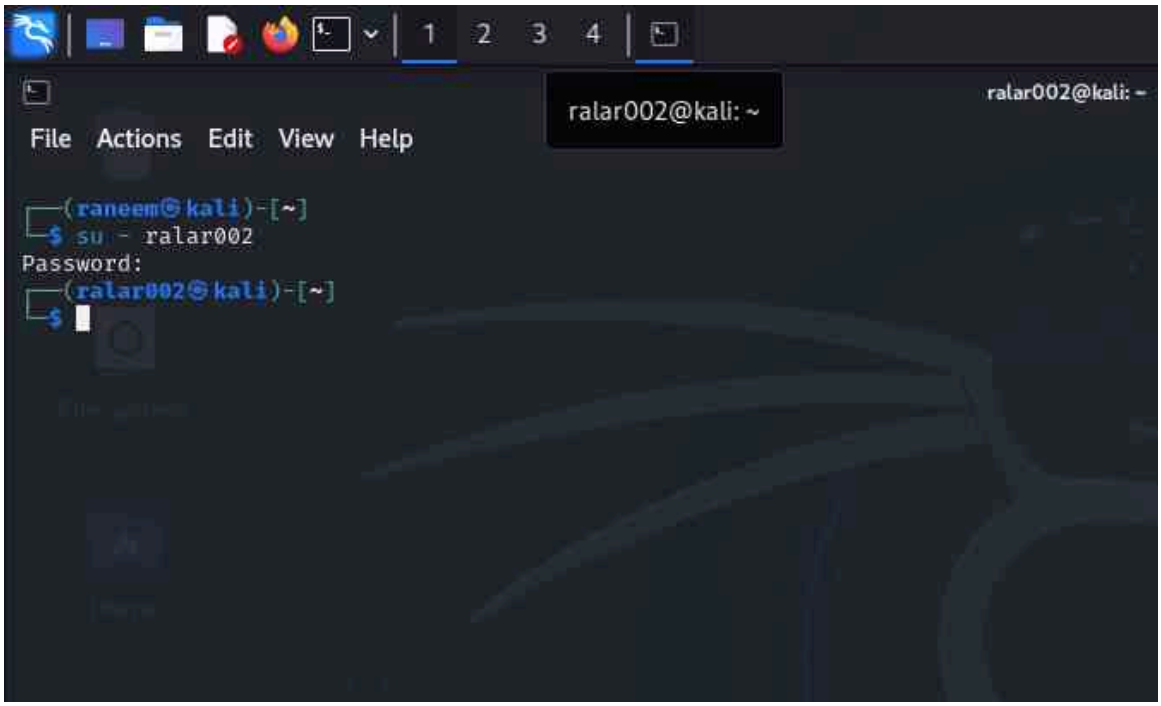
Step 6: Execute the correct command to display user password information (including the encrypted password and password aging) for the new user xxxxx using grep



Step 7: Add the new user xxxxx to sudo group without overriding the existing group membership

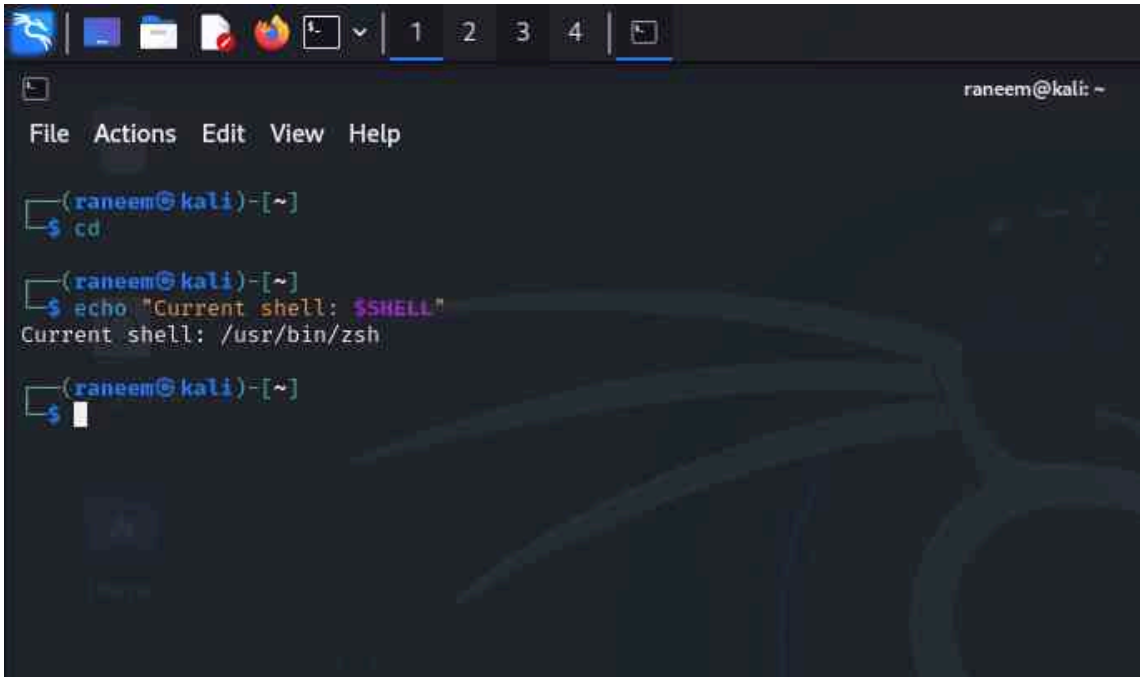


Step 8: Switch to the new user's account



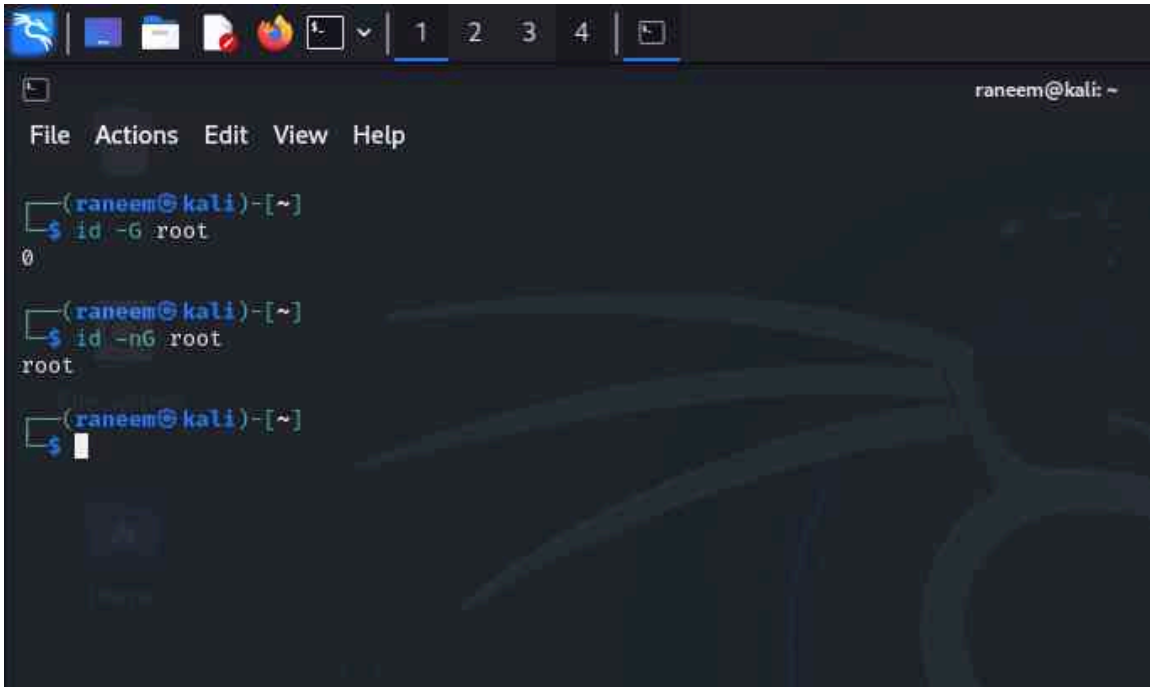
TASK B - Group Account Management

Step 1: Return to your home directory and determine the shell you are using



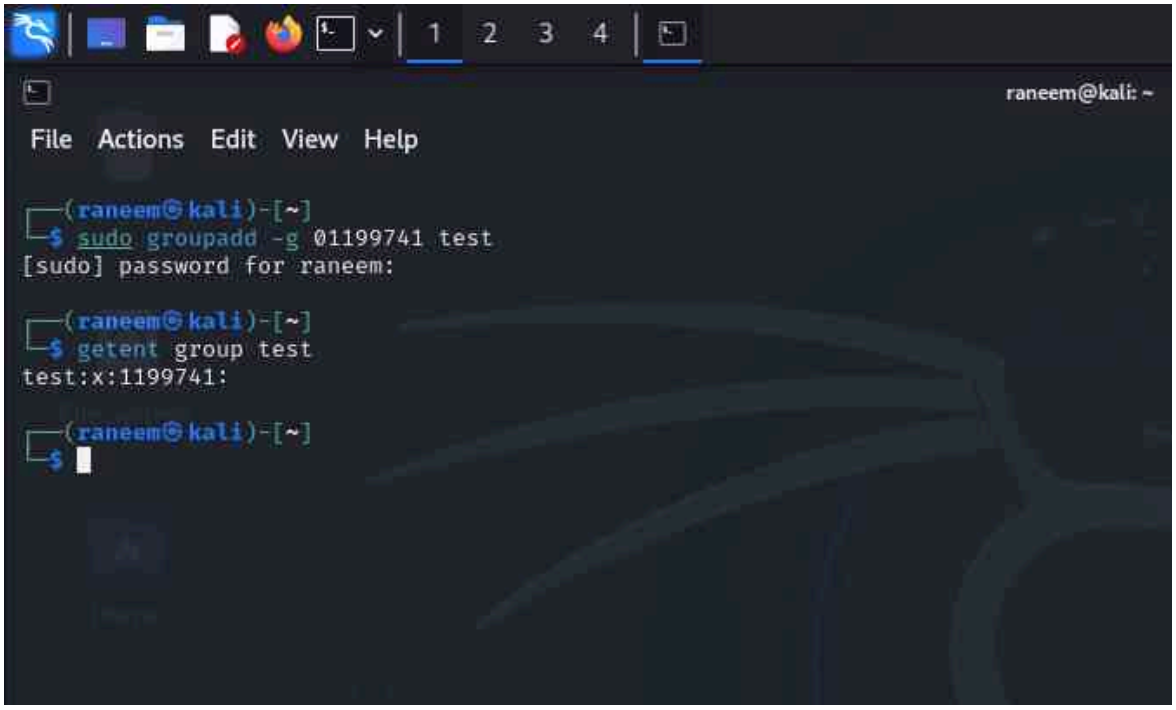
Step 2: Display the current user's ID and group membership

Step 3: Display the group membership of the root account

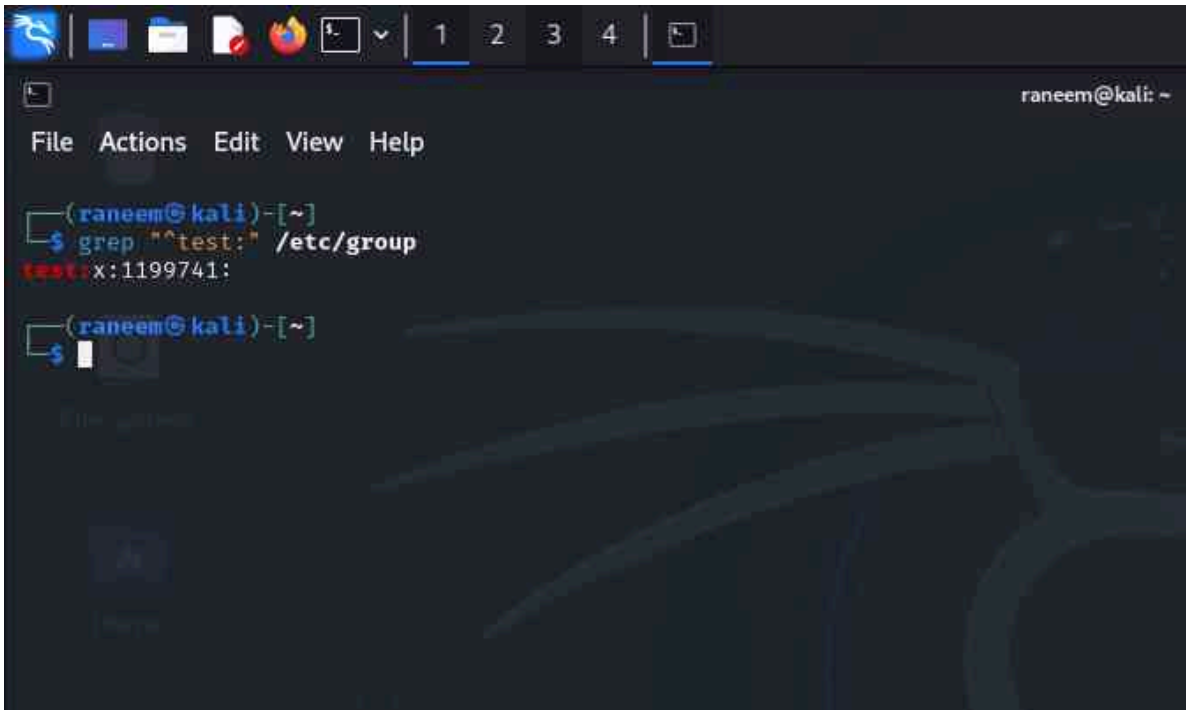


Step 4: Run the correct command to determine the user owner and group owner of the /etc/group file

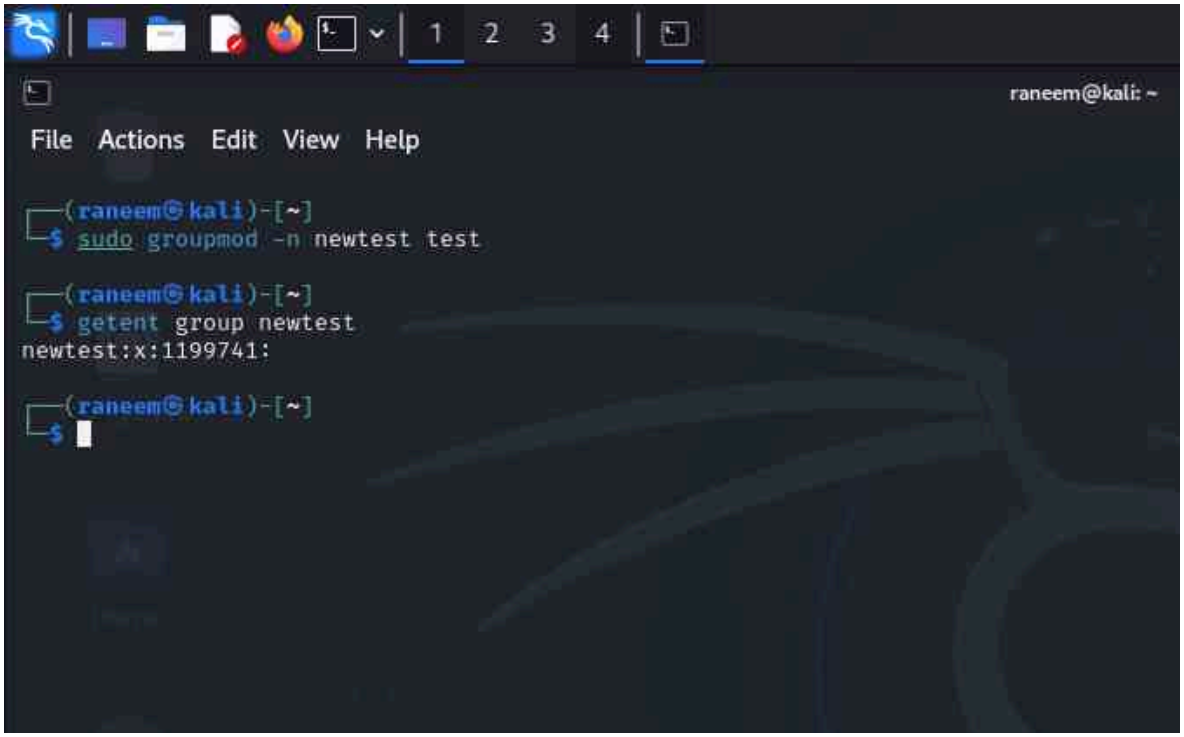
Step 5: Create a new group named test and use your UIN as the GID



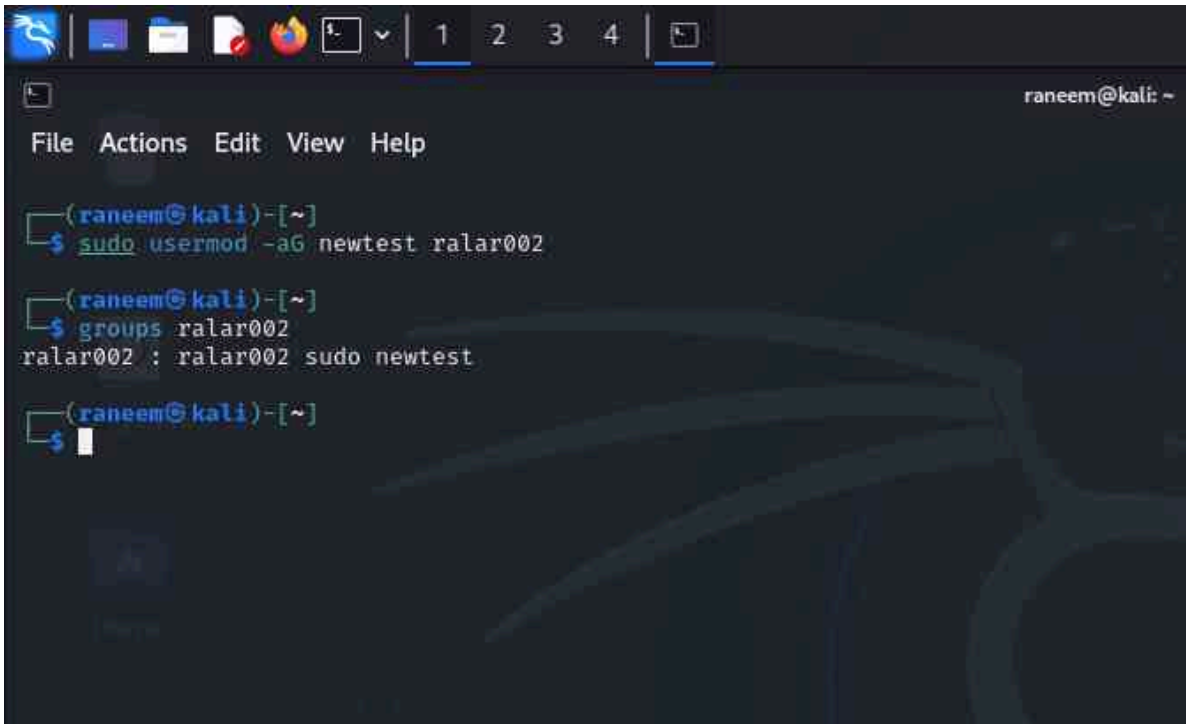
Step 6: Display the group account information for the test group using grep



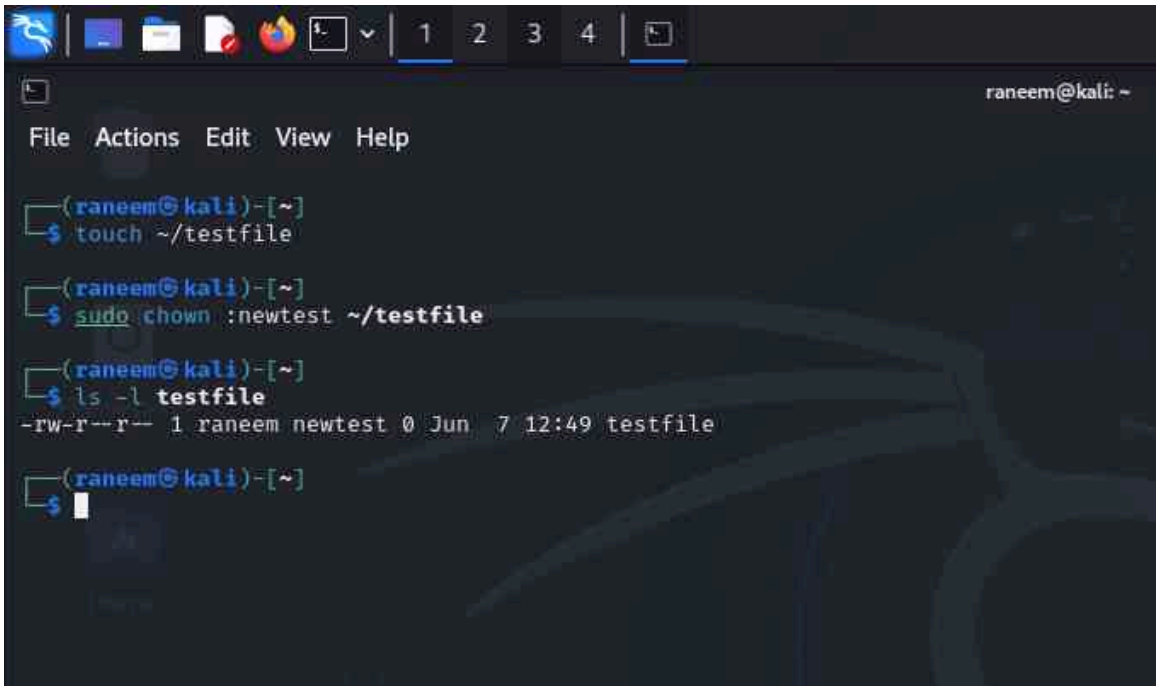
Step 7: Change the group name of the test group to newtest



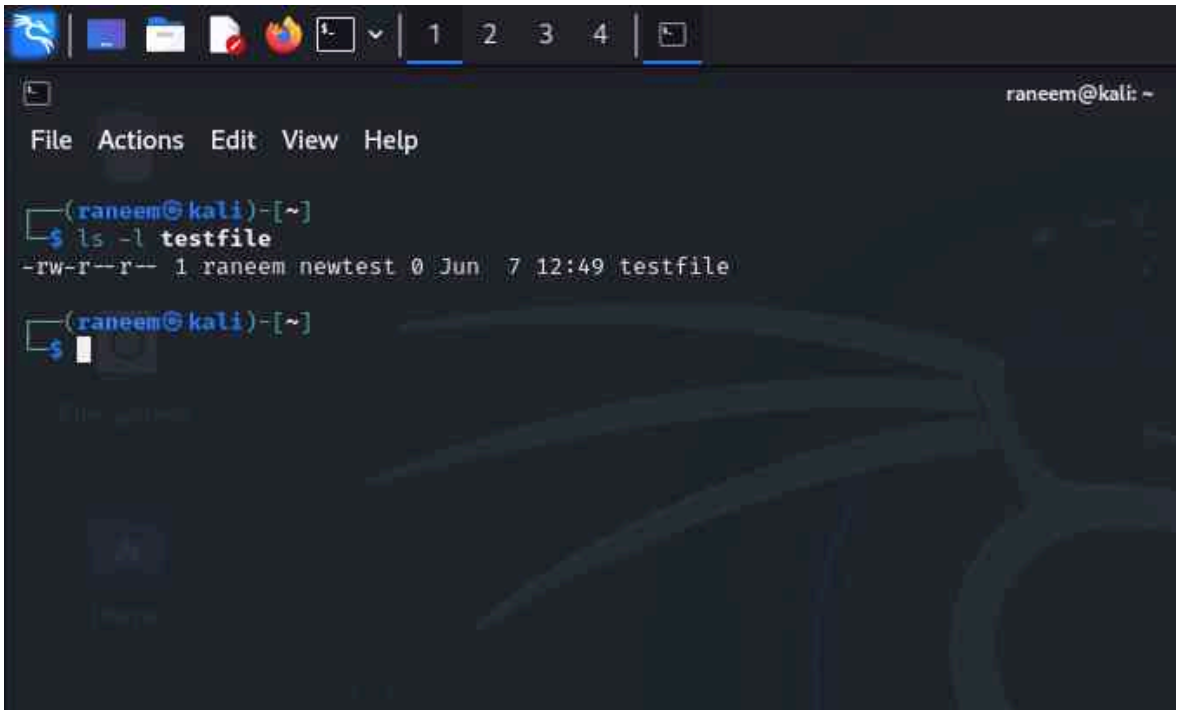
Step 8: Add the current account (xxxxx) as a secondary member of the newtest group without overriding this user's current group membership



Step 9: Create a new file testfile in the account's home directory, then change the group owner to newtest

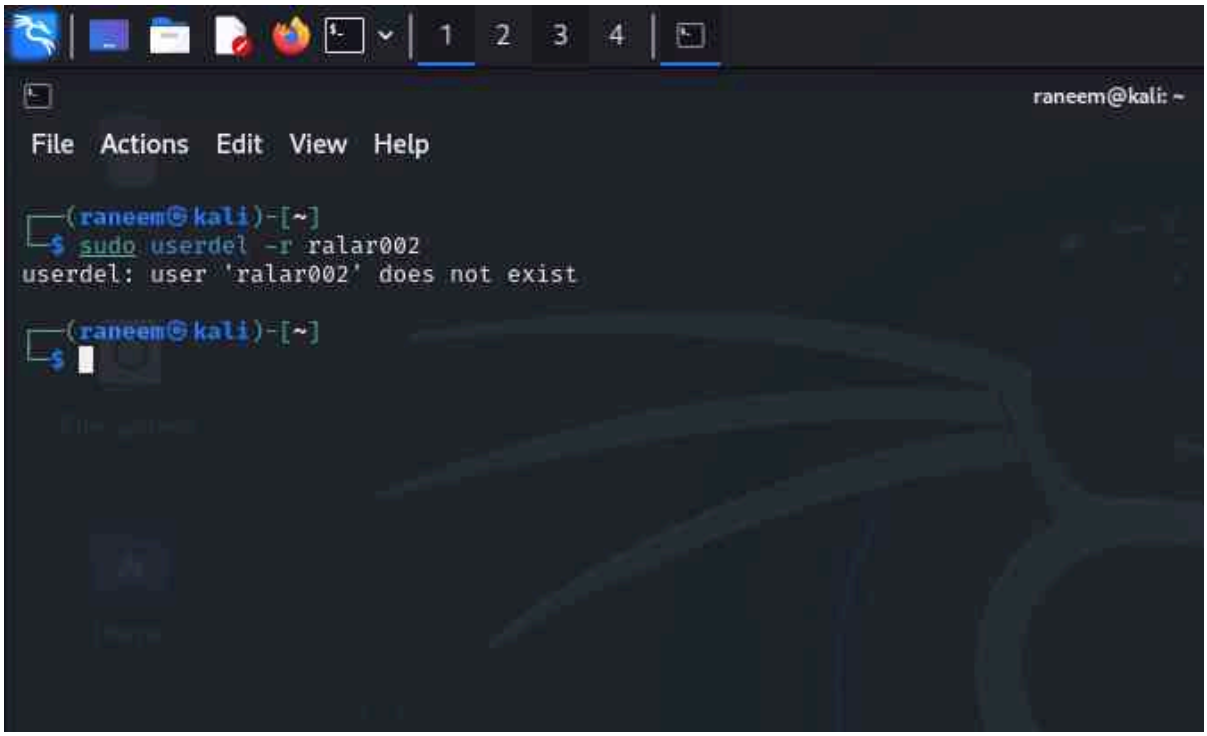


Step 10: Display the user owner and group owner information of the file testfile



Step 11: Delete the newtest group, then repeat the previous step

Step 12: Delete the user xxxxx along with the home directory using a single command



Note: I forgot to screenshot this step earlier, so I had to redo it. This is why the output shows "userdel: user 'ralar002' does not exist"