

4. Create a new user and group, set their permissions, and explore user management commands like `useradd`, `usermod`, and `userdel`.

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Steps:

- 1) Create a New Group
- 2) Create a New User and Assign to the Group
- 3) Set Permissions for the User and Group
- 4) Modify User Information
- 5) Delete the User and Group

```
yash@Yash1100: ~  
yash@Yash1100:~$ sudo groupadd developers  
[sudo] password for yash:  
yash@Yash1100:~$ sudo useradd -m -G developers -s /bin/bash john  
sswd john  
sudo passwd john  
yash@Yash1100:~$ sudo mkdir /opt/developer_workspace  
o chown :developers /opt/developer_workspace  
sudo chmod 770 /opt/developer_workspace  
sudo chown :developers /opt/developer_workspace  
sudo chmod 770 /opt/developer_workspace  
yash@Yash1100:~$ sudo usermod -aG sudo john  
usermod -c "John Doe" john  
sudo usermod -c "John Doe" john  
yash@Yash1100:~$ sudo userdel -r john  
o groupdel developers  
sudo groupdel developers  
userdel: john mail spool (/var/mail/john) not found  
yash@Yash1100:~$
```