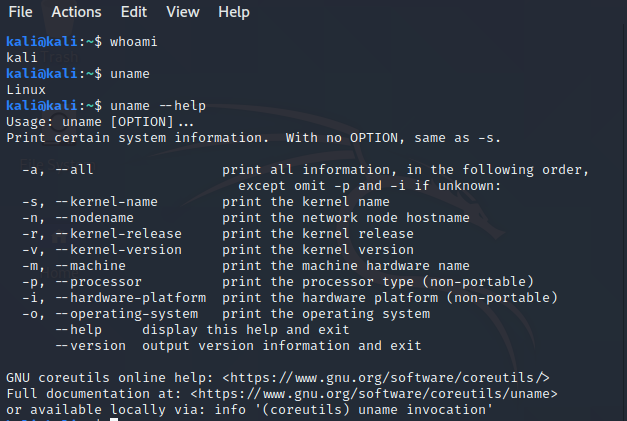
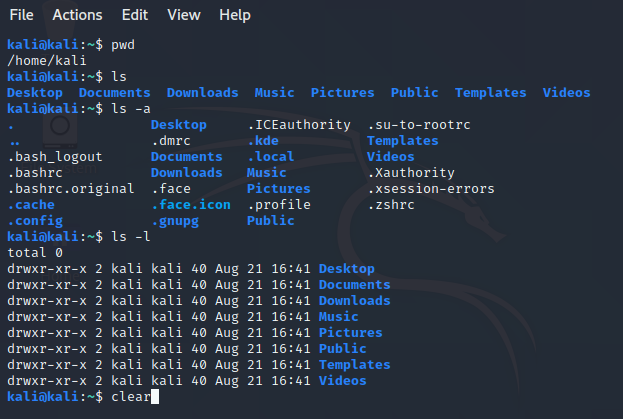
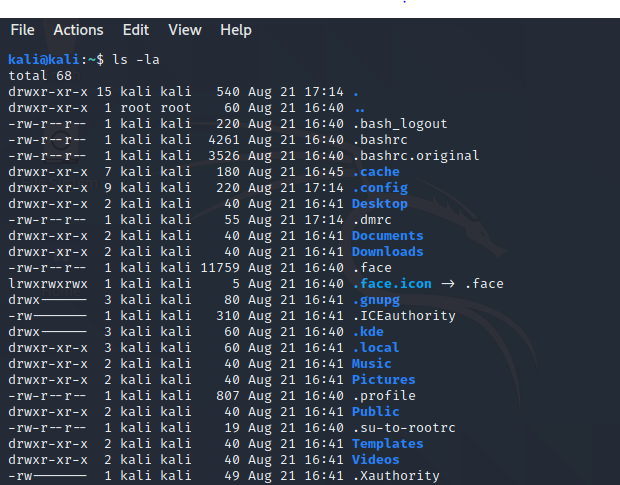
1. Whoami  
   🡪It gives you username.
2. Uname  
   🡪 it gives informatiob about OS.

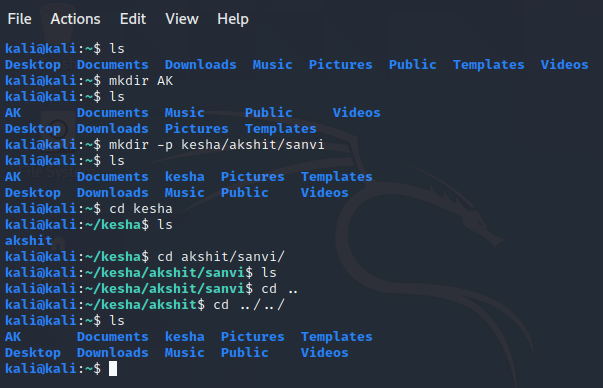


1. Pwd  
   🡪It gives you path.
2. ls
   1. Ls  
      🡪 list all files and folder.
   2. Ls -l  
      🡪 long list.  
      🡪 show size, when it is created.
   3. Ls -a  
      🡪 list all (hidden + showable).
   4. Ls -al  
      🡪Both hidden with long list.
3. Clear



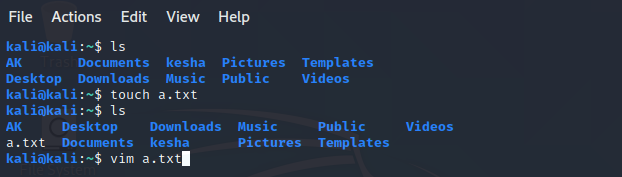


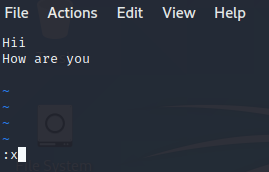
1. Mkdir
   1. Mkdir <foldername>  
      🡪 Create a directory.
   2. Mkdir -p kesha/akshit/sanvi  
      🡪 create directory inside directory.  
      🡪folder inside folder.
2. Cd
   1. Cd <filename / foldername>  
      🡪Go inside file / folder.
   2. Cd <name> / <name> / <name>   
      🡪Go inside multiple folder.
   3. Cd ..  
      🡪Go one directory back.
   4. Cd ../../  
      🡪Go multiple directory back.



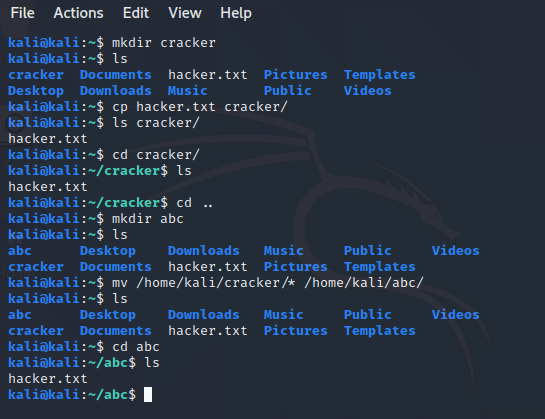
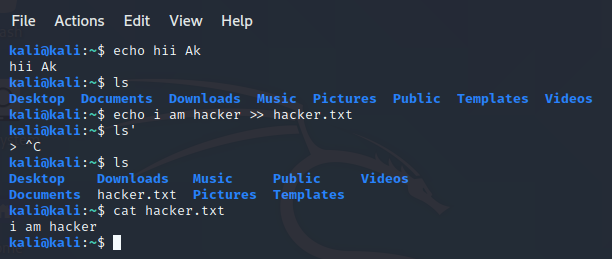
1. Touch <filename>  
   🡪 create empty file.
2. Vim <filename>  
   🡪 create file if there is no file and open file.
   1. i for insert mode.
   2. Esc for escape sequence.
      1. w to save file
      2. q for exit
      3. wq save and exit.
      4. q! exit forcefully.
      5. yy to copy
      6. p to paste
      7. dd cut/remove
      8. 5  
         🡪go to line 5

🡪vim +20 a.txt  
🡪automatic start from 20 line.

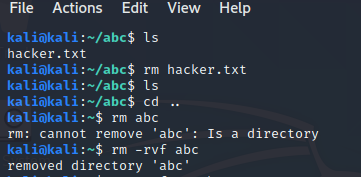




1. Echo  
   🡪print something.
   1. >> append
   2. > write
   3. Read
2. Cat <filename>  
   🡪Show file content (read only).
   1. Cat > <filename>  
      🡪write something on the file.  
      🡪This will remove previous data.
   2. Cat >> <filename>  
      🡪write and append in the file.
3. Cp <source file> <destination file>  
   🡪Copy files
4. mv <source file> <destination file>  
   🡪move files to another folders.

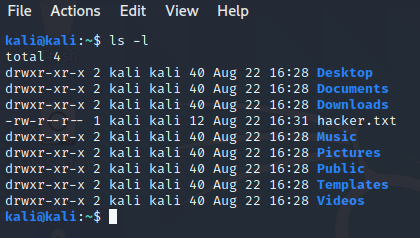


1. Rm <filename>  
   🡪remove file

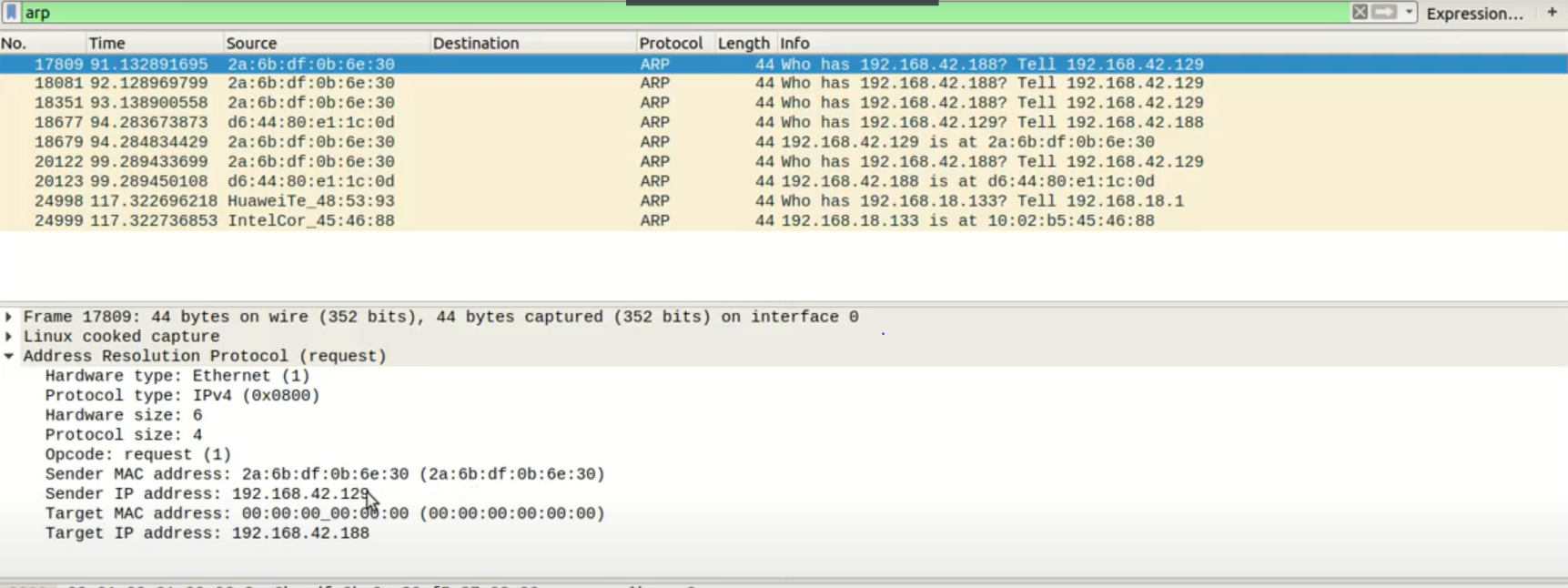


1. permission of the files and folders.  
   a. owner side  
   b. group side (LAN area)  
   c. public side  
   🡪 r = read, w = write, x = execute  
   🡪r=4, w=2, x=1   
   🡪d is a directory

🡪 If you create permission using root then normal user also comes under group side.  
🡪 If normal user create permission then both are owners.   
🡪 total 0 🡪size.



Wireshark



Arp -a  
🡪Show your router IP address.

