LINUX MODULE – 3

**HERE ARE THE SOME INITIAL COMMANDS:**

|  |  |
| --- | --- |
| command | Result |
| clear | If you want clear the terminal |
| Logname | for display the current user |
| tty | for the current terminal |
| pwd | To check the path |
| uptime | Time of OS |
| uname | Name of the OS |
| uname -p | Processer of OS |
| uname -r | Version of OS |
| uname -v | Release date of OS |
| uname -n | Host name of OS |
| uname -a | Info of OS |
| uname -m | Hardware name |
|  | |
| hostname | Ubuntu |
| hostname -a | Alies name of Hostname |
| hostname -f | Fully hostname |
| hostname -i | IP address of the hostname |
| hostname -s | Display the short name |

|  |  |
| --- | --- |
| who | Who connected to the server |
| who am i | User |
| who -b | System boot time |
| who -d | Dead process |
| who -h | Display heading |
| who -l | Ideal time |
| who -u | list of user login |
| w -V | Display version |
| w | Logged in avg load |
| cal | calendar |
| exit | To exit from the terminal |
| id –u | To check the user id |
| id -g | To check the group id |

**Which are very much useful command in Linux**

1. **To check the current directories** , simply click

ls

a.txt corona.txt **dumy guru lin poi rajkumar hadoop.2.7.3.tar.gz** w.txt

a.txt the one with the white color is **text file**

**dumy** the one with blue color is **directory**

**hadoop.2.7.3.tar.gz** the one with red color is **zip file**

1. **Suppose if you want one - by - one** then,

ls -1

a.txt

corona.txt

dumy

lin

megha.txt

poi

rajkumar

w.txt

1. **To list out all hidden objects(.)**

ls -a

. .cache .gnupg Pictures Videos

.. .config .ICEauthority .profile

.bash\_history Desktop .local Public

.bash\_logout Documents .mozilla .sudo\_as\_admin\_successful

.bashrc Downloads Music Templates

**4)To list out all hidden objects(without . And .. profile)**

ls -A

.bash\_history .config .gnupg Music .sudo\_as\_admin\_successful

.bash\_logout Desktop .ICEauthority Pictures Templates

.bashrc Documents .local .profile Videos

.cache Downloads .mozilla Public

1. **To check in detail about the directories** ls -l

total 32

drwxr-xr-x 2 user user 4096 Dec 27 01:46 poi

drwxr-xr-x 3 user user 4096 Dec 28 06:19 guru

drwxr-xr-x 2 user user 4096 Dec 28 06:26 rajkumar

-rw-r--r-- 1 user user 2 Dec 29 01:36 w.txt

-rw-r--r-- 1 user user 2 Dec 29 01:37 a.txt

drwxr-xr-x 4 user user 4096 Dec 29 01:46 lin

drwxr-xr-x 3 user user 4096 dumy

-rw-r--r-- 1 user user 892 Dec 29 02:18 corona.txt

**7 COLUMN FORMATE:**

|  |  |
| --- | --- |
| drwxr-xr-x | permission |
| 2 | link |
| User | username |
| User | Group |
| 892 | Size in bits |
| Dec 29 01:46 | Date and time |
| corona.txt | Object name |

1. **To display the objects which are ends with “ / , @ , \* , = ”**

ls -F

a.txt corona.txt dumy/ lin/ megha.txt poi/ rajkumar/ w.txt

**NOTE:**

1) TO CLEAR THE TERMINAL TYPE CLEAR SHORT-CUT KEY IS (CTRL+L)

2) TO EXIT FROM THE TERMINAL TYPR EXIT