**who command is a tool print information about users who are currently logged in**. who command only see a real user who logged in. On most Linux distribution, who command is already installed. To use it, just type who on your console.

**who** command is used to find out the following information :  
1. Time of last system boot  
2. Current run level of the system  
3. List of logged in users and more.

**Description :** The who command is used to get information about currently logged in user on to system.

**Syntax :** $who [options] [filename]

**Examples :**  
1. The who command displays the following information for each user currently logged in to the system if no option is provided :

1. Login name of the users
2. Terminal line numbers
3. Login time of the users in to system
4. Remote host name of the user

hduser@mahesh-Inspiron-3543:~$ who

hduser tty7 2018-03-18 19:08 (:0)

hduser@mahesh-Inspiron-3543:~$

2. To display host name and user associated with standard input such as keyboard

hduser@mahesh-Inspiron-3543:~$ who -m -H

NAME LINE TIME COMMENT

3. To show all active processes which are spawned by INIT process

hduser@mahesh-Inspiron-3543:~$ who -p -H

NAME LINE TIME PID COMMENT

4. To show status of the users message as +, – or ?

hduser@mahesh-Inspiron-3543:~$ who -T -H

NAME LINE TIME COMMENT

hduser + tty7 2018-03-18 19:08 (:0)

5. To show list of users logged in to system

hduser@mahesh-Inspiron-3543:~$ who -u

hduser tty7 2018-03-18 19:08 01:16 3357 (:0)

6. To show time of the system when it booted last time

hduser@mahesh-Inspiron-3543:~$ who -b -H

NAME LINE TIME PID COMMENT

system boot 2018-03-18 19:07

7. To show details of all dead processes

hduser@mahesh-Inspiron-3543:~$ who -d -H (NO dead process in this case)

NAME LINE TIME IDLE PID COMMENT EXIT

NAME LINE TIME IDLE PID COMMENT EXIT

8. To show system login process details

hduser@mahesh-Inspiron-3543:~$ who -l -H

NAME LINE TIME IDLE PID COMMENT

LOGIN tty1 2018-03-18 19:07 3073 id=tty1

9. To count number of users logged on to system

hduser@mahesh-Inspiron-3543:~$ who -q -H

hduser

# users=1

10. To display current run level of the system

hduser@mahesh-Inspiron-3543:~$ who -r

run-level 5 2018-03-18 19:07

11. To display all details of current logged in user

hduser@mahesh-Inspiron-3543:~$ who -a

system boot 2018-03-18 19:07

LOGIN tty1 2018-03-18 19:07 3073 id=tty1

run-level 5 2018-03-18 19:07

hduser + tty7 2018-03-18 19:08 01:13 3357 (:0)

12. To display system’s username

hduser@mahesh-Inspiron-3543:~$ whoami

hduser

13. To display list of users and their activities

hduser@mahesh-Inspiron-3543:~$ w

20:39:20 up 1:32, 1 user, load average: 0.09, 0.06, 0.07

USER TTY FROM LOGIN@ IDLE JCPU PCPU WHAT

hduser tty7 :0 19:08 1:32m 38.95s 0.19s /sbin/upstart -

14. To display user identification information

hduser@mahesh-Inspiron-3543:~$ id

uid=1001(hduser) gid=1001(hadoop) groups=1001(hadoop), 27(sudo)