Assignment 2: Basic Unix commands

|  |  |  |  |
| --- | --- | --- | --- |
| Command | Options | Execution | Remark |
| ls | - | ls  Desktop Documents Downloads Music Pictures Public Templates Videos | Shows the list of files |
|  | -l |  | Shows us the list of file in list format |
|  | -d | ls -d  . | list directories themselves, not their contents |
|  | -g |  | group directories before files |
|  | -i | ls -i   8302 Desktop 8936 Downloads 17177 Pictures 116660 temp 17516 Videos  9099 Documents 9619 Music 9071 Public 8993 Templates | print the index number of each file |
|  | -s | total 32 4 Desktop 4 Documents 4 Downloads 4 Music 4 Pictures 4 Public 4 Templates 4 Videos | print the allocated size of each file, in blocks |
| echo |  | echo Hello world! Hello world! | Echo the STRING(s) to standard output. |
| man |  | man echo | man is the system's manual pager. |
| clear |  | clear | Clears the screen |
| exit |  | exit | Exits the terminal |
| date |  | date Tue 09 Feb 2021 01:47:20 PM IST | Prints the date and time |
| time |  | time shell 5.32s user 1.00s system 1% cpu 6:46.88 total children 1.27s user 2.94s system 1% cpu 6:46.88 total | run programs and summarize system resource usage |
| uptime |  | uptime  13:49:14 up 35 min, 0 users, load average: 0.16, 0.09, 0.02 | Tell how long the system has been running. |
| tty |  | tty /dev/pts/0 | print the file name of the terminal connected to standard input |
| history |  | history  1 ls -al $HISTFILE | Shows the command history |
| id |  | id uid=1000(sirus) gid=1000(sirus) groups=1000(sirus),4(adm),24(cdrom),27(sudo),30(dip),46(plugdev),1001(docker) | print real and effective user and group IDs |
| pwd |  | pwd /home/sirus | Prints the current working directory |
| whoami |  | whoami sirus | Prints the user name current logged in |
| ping |  | ping 172.26.108.189 PING 172.26.108.189 (172.26.108.189) 56(84) bytes of data. 64 bytes from 172.26.108.189: icmp\_seq=1 ttl=64 time=0.113 ms 64 bytes from 172.26.108.189: icmp\_seq=2 ttl=64 time=0.080 ms 64 bytes from 172.26.108.189: icmp\_seq=3 ttl=64 time=0.089 ms | Pings the ip address provided to it |
| cal |  | cal  February 2021 Su Mo Tu We Th Fr Sa  1 2 3 4 5 6  7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 | Prints the calendar |
| “control” c |  | - | Cancels the command |
| ifconfig |  |  | Shows the network details |
| cat |  | cat temp Hello world!!!!!  Cat is working | concatenate files and print on the standard output |