

Activities Terminal Oct 6 14:06 sunbeam@RupaliDhakne93183: ~

MAN(1) Manual pager utils MAN(1)

NAME
man - an interface to the system reference manuals

SYNOPSIS

```
man [man options] [[section] page ...] ...
man -k [apropos options] regexp ...
man -K [man options] [section] term ...
man -f [whatis options] page ...
man -l [man options] file ...
man -w|-W [man options] page ...
```

DESCRIPTION

man is the system's manual pager. Each page argument given to man is normally the name of a program, utility or function. The manual page associated with each of these arguments is then found and displayed. A section, if provided, will direct man to look only in that section of the manual. The default action is to search in all of the available sections following a pre-defined order (see **DEFAULTS**), and to show only the first page found, even if page exists in several sections.

The table below shows the section numbers of the manual followed by the types of pages they contain.

1	Executable programs or shell commands
2	System calls (functions provided by the kernel)
3	Library calls (functions within program libraries)
4	Special files (usually found in /dev)
5	File formats and conventions, e.g. /etc/passwd
6	Games
7	Miscellaneous (including macro packages and conventions), e.g. man(7), groff(7), man-pages(7)
8	System administration commands (usually only for root)
9	Kernel routines [Non standard]

Manual page man(1) line 1 (press h for help or q to quit)

Activities Terminal Oct 6 14:08 sunbeam@RupaliDhakne93183: ~

```
sunbeam@RupaliDhakne93183:~$ git pull
fatal: not a git repository (or any of the parent directories): .git
sunbeam@RupaliDhakne93183:~$ man man
sunbeam@RupaliDhakne93183:~$ uname
Linux
sunbeam@RupaliDhakne93183:~$ 
```

Activities Terminal Oct 6 14:10 sunbeam@RupaliDhakne93183: ~

```
sunbeam@RupaliDhakne93183:~$ git pull
fatal: not a git repository (or any of the parent directories): .git
sunbeam@RupaliDhakne93183:~$ man man
sunbeam@RupaliDhakne93183:~$ uname
Linux
sunbeam@RupaliDhakne93183:~$ pwd
/home/sunbeam
sunbeam@RupaliDhakne93183:~$ hostname
RupaliDhakne93183
sunbeam@RupaliDhakne93183:~$ date
Monday 06 October 2025 02:09:29 PM IST
sunbeam@RupaliDhakne93183:~$ cal
Command 'cal' not found, but can be installed with:
sudo apt install ncal
sunbeam@RupaliDhakne93183:~$ cal
Command 'cal' not found, but can be installed with:
sudo apt install ncal
sunbeam@RupaliDhakne93183:~$ sudo apt install ncal
[sudo] password for sunbeam:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages were automatically installed and are no longer required:
  libwpe-1.0-1 libwpebackend-fdo-1.0-1 linux-headers-6.8.0-83-generic linux-hwe-6.8-headers-6.8.0-83
    linux-hwe-6.8-tools-6.8.0-83 linux-image-6.8.0-83-generic linux-modules-6.8.0-83-generic
    linux-modules-extra-6.8.0-83-generic linux-tools-6.8.0-83-generic
Use 'sudo apt autoremove' to remove them.
The following NEW packages will be installed:
  ncal
0 upgraded, 1 newly installed, 0 to remove and 0 not upgraded.
Need to get 20.2 kB of archives.
After this operation, 69.6 kB of additional disk space will be used.
Get:1 http://in.archive.ubuntu.com/ubuntu jammy/universe amd64 ncal amd64 12.1-7+mu3 [20.2 kB]
```

Activities Terminal Oct 6 14:10 sunbeam@RupaliDhakne93183: ~

```
ncal
0 upgraded, 1 newly installed, 0 to remove and 0 not upgraded.
Need to get 20.2 kB of archives.
After this operation, 69.6 kB of additional disk space will be used.
Get:1 http://in.archive.ubuntu.com/ubuntu jammy/universe amd64 ncal amd64 12.1.7+nmu3ubuntu2 [20.2 kB]
Fetched 20.2 kB in 1s (29.3 kB/s)
Selecting previously unselected package ncal.
(Reading database ... 283161 files and directories currently installed.)
Preparing to unpack .../ncal_12.1.7+nmu3ubuntu2_amd64.deb ...
Unpacking ncal (12.1.7+nmu3ubuntu2) ...
Setting up ncal (12.1.7+nmu3ubuntu2) ...
Processing triggers for man-db (2.10.2-1) ...
sunbeam@RupaliDhakne93183:~$ cal
          October 2025
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 29 30 31

sunbeam@RupaliDhakne93183:~$ ls, dir
Command 'ls,' not found, did you mean:
  command 'lsd' from snap lsd (0.16.0)
  command 'ls' from deb coreutils (8.32-4.1ubuntu1.2)
  command 'lsh' from deb lsh-client (2.1-13)
  command 'lsc' from deb livescript (1.6.1+dfsg-2)
  command 'lsw' from deb suckless-tools (46-1)
  command 'lsm' from deb lsm (1.0.4-2)
See 'snap info <snapname>' for additional versions.
sunbeam@RupaliDhakne93183:~$ cat
```

```
Activities Terminal Oct 6 14:19 sunbeam@RupaliDhakne93183: ~/DESD/os_lab/Assignment/Assignment_1$ sunbeam@RupaliDhakne93183: ~/DESD/os_lab/Assignment/Assignment_1$ cat file1.txt cat: file1.txt: No such file or directory sunbeam@RupaliDhakne93183: ~/DESD/os_lab/Assignment/Assignment_1$ cat > file1.txt Rupali Dhakne sunbeam@RupaliDhakne93183: ~/DESD/os_lab/Assignment/Assignment_1$ cat >> file1.txt DESD 93183 sunbeam@RupaliDhakne93183: ~/DESD/os_lab/Assignment/Assignment_1$ cat file1.txt Rupali Dhakne DESD 93183 IDE sunbeam@RupaliDhakne93183: ~/DESD/os_lab/Assignment/Assignment_1$ cp file1.txt file2.txt sunbeam@RupaliDhakne93183: ~/DESD/os_lab/Assignment/Assignment_1$ cat file2.txt Rupali Dhakne DESD 93183 sunbeam@RupaliDhakne93183: ~/DESD/os_lab/Assignment/Assignment_1$ mv file1.txt file2.txt sunbeam@RupaliDhakne93183: ~/DESD/os_lab/Assignment/Assignment_1$ cat file2.txt Rupali Dhakne DESD 93183 sunbeam@RupaliDhakne93183: ~/DESD/os_lab/Assignment/Assignment_1$ mv file2.txt file1.txt sunbeam@RupaliDhakne93183: ~/DESD/os_lab/Assignment/Assignment_1$ tac file1.txt DESD 93183 Rupali Dhakne SSD sunbeam@RupaliDhakne93183: ~/DESD/os_lab/Assignment/Assignment_1$ rev file1.txt enkahD ilapuR 38139 DSED sunbeam@RupaliDhakne93183: ~/DESD/os_lab/Assignment/Assignment_1$ wc file1.txt 2 4 25 file1.txt sunbeam@RupaliDhakne93183: ~/DESD/os_lab/Assignment/Assignment_1$ mkdir assignment_1_1 sunbeam@RupaliDhakne93183: ~/DESD/os_lab/Assignment/Assignment_1$ cd assignment_1_1 sunbeam@RupaliDhakne93183: ~/DESD/os_lab/Assignment/Assignment_1/assignment_1_1$ touch demo.txt sunbeam@RupaliDhakne93183: ~/DESD/os_lab/Assignment/Assignment_1/assignment_1_1$ ls demo.txt sunbeam@RupaliDhakne93183: ~/DESD/os_lab/Assignment/Assignment_1/assignment_1_1$ rm demo.txt sunbeam@RupaliDhakne93183: ~/DESD/os_lab/Assignment/Assignment_1/assignment_1_1$ ls sunbeam@RupaliDhakne93183: ~/DESD/os_lab/Assignment/Assignment_1/assignment_1_1$ cd.. cd..: command not found sunbeam@RupaliDhakne93183: ~/DESD/os_lab/Assignment/Assignment_1/assignment_1_1$ cd .. sunbeam@RupaliDhakne93183: ~/DESD/os_lab/Assignment/Assignment_1$ rm assignment_1_1 rm: cannot remove 'assignment_1_1/': Is a directory sunbeam@RupaliDhakne93183: ~/DESD/os_lab/Assignment/Assignment_1$ rm assignment_1_1
```

Activities Terminal Oct 6 14:21 sunbeam@RupaliDhakne93183: ~/DESD/os_lab/Assignment/Assignment_1

```
rm: cannot remove 'assignment_1_1': Is a directory
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ rm assignment_1_1
rm: command not found
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ rm -R assignment_1_1
rm: command not found
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ rm -R assignment_1_1
rm: command not found
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ -R assignment_1_1
-R: command not found
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ rmdir assignment_1_1
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ ls
file1.txt
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ cat >> fil1.txt
1
2
3
4
5
6
7
8
9
10sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ sort fil1.txt
1
10
2
3
4
5
6
7
8
9
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ cat >> fil1.txt
1
2
3
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ cat >> fil1.txt
```

Activities Terminal Oct 6 14:23 sunbeam@RupaliDhakne93183: ~/DESD/os_lab/Assignment/Assignment_1

```
sunbeam@RupaliDhakne93183: ~/DESD/os_lab/Assignment/Assignment_1$ uniq fill1.txt
1
2
3
4
5
6
7
8
9
101
sunbeam@RupaliDhakne93183: ~/DESD/os_lab/Assignment/Assignment_1$ uniq file.txt
uniq: file.txt: No such file or directory
sunbeam@RupaliDhakne93183: ~/DESD/os_lab/Assignment/Assignment_1$ uniq file1.txt
Rupali Dhakne
DESD 93183
sunbeam@RupaliDhakne93183: ~/DESD/os_lab/Assignment/Assignment_1$ uniq fill1.txt
1
2
3
4
5
6
7
8
9
101
2
3
sunbeam@RupaliDhakne93183: ~/DESD/os_lab/Assignment/Assignment_1$ 
```

Activities Terminal Oct 6 14:24 sunbeam@RupaliDhakne93183: ~/DESD/os_lab/Assignment/Assignment_1

```
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ uniq file.txt
uniq: file.txt: No such file or directory
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ uniq file1.txt
Rupali Dhakne
DESD 93183
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ uniq fil1.txt
1
2
3
4
5
6
7
8
9
101
102
103
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ head -4 fil1.txt
1
2
3
4
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ tail -4 fil1.txt
9
101
2
3
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ factor 10 20
10: 2 5
20: 2 2 5
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ []
```

Activities Terminal Oct 6 14:42 sunbeam@RupaliDhakne93183: ~/DESD/os_lab/Assignment/Assignment_1

```
1
2
3
4
> sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ tail -4 fil1.txt
9
101
2
2
3
IDE sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ factor 10 20
10: 2 5
20: 2 2 5
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ alias mkdir mkd
bash: alias: mkdir: not found
bash: alias: mkd: not found
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ alias fact ^C
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ alias fact factor
bash: alias: fact: not found
bash: alias: factor: not found
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ man alias
No manual entry for alias
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ man alias
No manual entry for alias
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ alias fa^Cfact'
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ alias rupali='factor'
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ alias rupali=10
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ rupali 10
10: command not found
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ rupali= 10
10: command not found
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ rupali = 10
\10: command not found
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ 10 = 10
10: command not found
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ alias rupali='factor'
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ rupali 10
10: 2 5
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ []
```

Activities Terminal Oct 6 14:43 sunbeam@RupaliDhakne93183: ~/DESD/os_lab/Assignment/Assignment_1

```
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ alias mkdir mkd
bash: alias: mkdir: not found
bash: alias: mkd: not found
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ alias fact ^C
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ alias fact factor
bash: alias: fact: not found
bash: alias: factor: not found
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ man alias
No manual entry for alias
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ man alias
No manual entry for alias
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ alias fa^Cfact'
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ alias rupali='factor'
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ alias rupali=10
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ rupali 10
10: command not found
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ rupali= 10
10: command not found
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ rupali = 10
\10: command not found
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ 10 = 10
10: command not found
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ alias rupali='factor'
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ rupali 10
10: 2 5
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ unalias
unalias: usage: unalias [-a] name [name ...]
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ echo
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ echo fil1.txt
fil1.txt
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ ps
  PID TTY      TIME CMD
25989 pts/1    00:00:00 bash
 27228 pts/1    00:00:00 ps
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ kill
kill: usage: kill [-s sigspec | -n signum | -sigspec] pid | jobspec ... or kill -l [sigspec]
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ []
```

```
Activities Terminal Oct 6 14:43 sunbeam@RupaliDhakne93183: ~/DESD/os_lab/Assignment/Assignment_1
IDE
SSD
sunbeam@RupaliDhakne93183: ~/DESD/os_lab/Assignment/Assignment_1$ SYSTEM_EXEC_PID=1882
XAUTHORITY=/run/user/1000/gdm/Xauthority
WINDOWPATH=2
HOME=/home/sunbeam
USERNAME=sunbeam
LANG=en_IN
LS_COLORS=rs=0:di=0;34:ln=0;36:mh=00:pi=40:33:so=01;35:do=01;35:bd=40;33:01:cd=40;33:01:or=40;31:01:mi=00:su=37;41:sg=30;43:ca=30;41:tw=30;42:ow=34;42:st=37;44:ex=01;32:*.tar=01;31:*.tgz=01;31:*.arc=01;31:*.arj=01;31:*.taz=01;31:*.lha=01;31:*.lz4=01;31:*.lzh=01;31:*.lzma=01;31:*.tlz=01;31:*.txz=01;31:*.tzo=01;31:*.tz=01;31:*.zip=01;31:*.z=01;31:*.dz=01;31:*.gz=01;31:*.lrz=01;31:*.lz=01;31:*.lzo=01;31:*.xz=01;31:*.zst=01;31:*.tzst=01;31:*.bz=01;31:*.tbz=01;31:*.tbz2=01;31:*.tz=01;31:*.deb=01;31:*.rpm=01;31:*.jar=01;31:*.war=01;31:*.ear=01;31:*.sar=01;31:*.rar=01;31:*.alz=01;31:*.ace=01;31:*.zoo=01;31:*.cpio=01;31:*.7z=01;31:*.rz=01;31:*.cab=01;31:*.wim=01;31:*.swm=01;31:*.dwm=01;31:*.esd=01;31:*.jpg=01;35:*.jpeg=01;35:*.mjpg=01;35:*.mjpeg=01;35:*.gif=01;35:*.bmp=01;35:*.pgn=01;35:*.ppm=01;35:*.tga=01;35:*.xbm=01;35:*.xpm=01;35:*.tif=01;35:*.tiff=01;35:*.png=01;35:*.svg=01;35:*.sv=01;35:*.mng=01;35:*.pcx=01;35:*.mov=01;35:*.mpg=01;35:*.mpeg=01;35:*.m2v=01;35:*.mkv=01;35:*.webm=01;35:*.webp=01;35:*.ogg=01;35:*.mp4=01;35:*.m4v=01;35:*.mp4v=01;35:*.vob=01;35:*.qt=01;35:*.nuv=01;35:*.wmv=01;35:*.asf=01;35:*.rm=01;35:*.rmvb=01;35:*.flc=01;35:*.avi=01;35:*.fli=01;35:*.flv=01;35:*.gl=01;35:*.dl=01;35:*.xcf=01;35:*.xd=01;35:*.yuv=01;35:*.cgm=01;35:*.emf=01;35:*.ogv=01;35:*.ogx=01;35:*.aac=00;36:*.au=00;36:*.flac=00;36:*.m4a=00;36:*.mid=00;36:*.midi=00;36:*.mka=00;36:*.mp3=00;36:*.mpc=00;36:*.ogg=00;36:*.ra=00;36:*.wav=00;36:*.oga=00;36:*.opus=00;36:*.spx=00;36:*.xspf=00;36:*.XDG_CURRENT_DESKTOP=ubuntu:GNOME
VTE_VERSION=6800
GNOME_TERMINAL_SCREEN=/org/gnome/Terminal/screen/0a4430ff_1907_46b6_87d8_111e8d777ab5
LESSCLOSE=/usr/bin/lesspipe %s %
XDG_SESSION_CLASS=user
TERM=xterm-256color
LESSOPEN=| /usr/bin/lesspipe %
USER=sunbeam
GNOME_TERMINAL_SERVICE=:1.166
DISPLAY=:1
SHLVL=1
QT_IM_MODULE=ibus
DBUS_STARTER_ADDRESS=unix:path=/run/user/1000/bus,guid=05c3f6ced9839c409e39473268e13198
XDG_RUNTIME_DIR=/run/user/1000
XDG_DATA_DIRS=/usr/share/ubuntu:/usr/share/gnome:/usr/local/share:/usr/share:/var/lib/snapd/desktop
PATH=/opt/st/stm32cubeide_1.19.0/plugins/com.st.stm32cube.ide.mcu.externaltools.gnu-tools-for-stm32.13.3.rel1.linux64_1.0.0.202410170706/tools/bin:/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/games:/usr/local/games:/snap/bin:/snap/bin
GDMSESSION=ubuntu
DBUS_SESSION_BUS_ADDRESS=unix:path=/run/user/1000/bus,guid=05c3f6ced9839c409e39473268e13198
OLDPWD=/home/sunbeam/DESD/os_lab/Assignment/Assignment_1/assignment_1_1
_=~/bin/env
sunbeam@RupaliDhakne93183: ~/DESD/os_lab/Assignment/Assignment_1$ 
```