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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)
```

```
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:~$
```

```
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:
  libwp6-1.0-1 libwp6backend-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 12.1-7ubuntu2 [20.2 kB]
```

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Activities Terminal Oct 6 14:10 sunbeam@RupaliDhakne93183: ~  
ncl  
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
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
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 >> fill1.txt
1
2
3
4
5
6
7
8
9
10sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ sort fill1.txt
1
10
2
3
4
5
6
7
8
9
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ cat >> fill1.txt
1
2
3
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ cat >> fill1.txt
```

```
Activities Terminal Oct 6 14:23 sunbeam@RupaliDhakne93183: ~/DESD/os_lab/Assignment/Assignment_1
7
8
9
101
2
3
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$ uniq fil1.txt
1
2
3
4
5
6
7
8
9
101
2
3
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
2
3
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$
```

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

7
8
9
101
2
3
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
2
3
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 fill1.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$ 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 fill.txt
fill.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

SYSTEMD_EXEC_PID=1882
XAUTHORITY=/run/user/1000/gdm/Xauthority
WINDOWPATH=2
HOME=/home/sunbeam
USERNAME=sunbeam
LANG=en_IN
LS_COLORS=rs=0:di=01;34:ln=01;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:*.lzh=01;31:*.lzm=01;31:*.tlz=01;31:*.txz=01;31:*.
tzo=01;31:*.t7z=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:*.bz2=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:*.pbm=01;35:*.pgm=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
gz=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:*.ogm=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=0
1;35:*.dl=01;35:*.xcf=01;35:*.xwd=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 %s
XDG_SESSION_CLASS=user
TERM=xterm-256color
LESSOPEN=| /usr/bin/lesspipe %s
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/l
ocal/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
_=/usr/bin/env
sunbeam@RupaliDhakne93183:~/DESD/os_lab/Assignment/Assignment_1$
```