BASIC LINUX COMMANDS

```
[csee6@fedora oslab]$ echo "welcome"
welcome
[csee6@fedora oslab]$ date
Tuesday 21 January 2025 04:44:45 PM IST
[csee6@fedora oslab]$ time

real    0m0.000s
user    0m0.000s
sys     0m0.000s
[csee6@fedora oslab]$ cal
    January 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

[csee6@fedora oslab]$ day
-bash: day: command not found
[csee6@fedora oslab]$ montg
-bash: montg: command not found
[csee6@fedora oslab]$ month
-bash: month: command not found
[csee6@fedora oslab]$ year
-bash: year: command not found
[csee6@fedora oslab]$ year 2025
-bash: year: command not found
[csee6@fedora oslab]$ cal 2025
                2025

     January             February              March
Su Mo Tu We Th Fr Sa  Su Mo Tu We Th Fr Sa  Su Mo Tu We Th Fr Sa
       1  2  3  4              1                    1
 5  6  7  8  9 10 11   2  3  4  5  6  7  8   2  3  4  5  6  7  8
12 13 14 15 16 17 18   9 10 11 12 13 14 15   9 10 11 12 13 14 15
19 20 21 22 23 24 25  16 17 18 19 20 21 22  16 17 18 19 20 21 22
26 27 28 29 30 31     23 24 25 26 27 28     23 24 25 26 27 28 29
                30 31
```

```
          April                May                June
Su Mo Tu We Th Fr Sa  Su Mo Tu We Th Fr Sa  Su Mo Tu We Th Fr Sa
    1  2  3  4  5            1  2  3   1  2  3  4  5  6  7
 6  7  8  9 10 11 12   4  5  6  7  8  9 10   8  9 10 11 12 13 14
13 14 15 16 17 18 19  11 12 13 14 15 16 17  15 16 17 18 19 20 21
20 21 22 23 24 25 26  18 19 20 21 22 23 24  22 23 24 25 26 27 28
27 28 29 30           25 26 27 28 29 30 31  29 30


          July               August             September
Su Mo Tu We Th Fr Sa  Su Mo Tu We Th Fr Sa  Su Mo Tu We Th Fr Sa
    1  2  3  4  5               1  2      1  2  3  4  5  6
 6  7  8  9 10 11 12   3  4  5  6  7  8  9   7  8  9 10 11 12 13
13 14 15 16 17 18 19  10 11 12 13 14 15 16  14 15 16 17 18 19 20
20 21 22 23 24 25 26  17 18 19 20 21 22 23  21 22 23 24 25 26 27
27 28 29 30 31        24 25 26 27 28 29 30  28 29 30
                      31
          October            November           December
Su Mo Tu We Th Fr Sa  Su Mo Tu We Th Fr Sa  Su Mo Tu We Th Fr Sa
          1  2  3  4                  1      1  2  3  4  5  6
 5  6  7  8  9 10 11   2  3  4  5  6  7  8   7  8  9 10 11 12 13
12 13 14 15 16 17 18   9 10 11 12 13 14 15  14 15 16 17 18 19 20
19 20 21 22 23 24 25  16 17 18 19 20 21 22  21 22 23 24 25 26 27
26 27 28 29 30 31     23 24 25 26 27 28 29  28 29 30 31
                      30
[csee6@fedora oslab]$ cal march
     March 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
[csee6@fedora oslab]$ week
-bash: week: command not found
[csee6@fedora oslab]$ cal march 2024
     March 2024
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
```

```
[csee6@fedora ~]$ mkdir osl
[csee6@fedora ~]$ pwd
/home/csee6
[csee6@fedora ~]$ cd osl
[csee6@fedora osl]$ pwd
/home/csee6/osl
[csee6@fedora osl]$ cat > osfirst
hiiiii
^C
[csee6@fedora osl]$ cat osfirst
hiiiii
[csee6@fedora osl]$ cat > ossecond
hellloo
^C
[csee6@fedora osl]$ cat ossecond
hellloo
[csee6@fedora osl]$ ls
osfirst  ossecond
[csee6@fedora osl]$ ls -l
total 8
-rw-r--r--. 1 csee6 csee6 7 Jan 21 16:52 osfirst
-rw-r--r--. 1 csee6 csee6 8 Jan 21 16:52 ossecond
[csee6@fedora osl]$ cat > osthird
how r u
^C
[csee6@fedora osl]$
[csee6@fedora osl]$ cat osthird
how r u
[csee6@fedora osl]$ ls
osfirst  ossecond  osthird
[csee6@fedora osl]$ ls -l
total 12
-rw-r--r--. 1 csee6 csee6 7 Jan 21 16:52 osfirst
-rw-r--r--. 1 csee6 csee6 8 Jan 21 16:52 ossecond
-rw-r--r--. 1 csee6 csee6 8 Jan 21 16:53 osthird
[csee6@fedora osl]$ ls -a
.  ..  osfirst  ossecond  osthird
[csee6@fedora osl]$ cat >> osfirst
goood
^C
[csee6@fedora osl]$ cat osfirst
hiiiii
goood
```

```
[csee6@fedora osl]$ cat >> osfirst
a
s
d
f
g
h
j
k
l
i
u
y
t
r
e
s
d

^C
[csee6@fedora osl]$ tail osfirst
l
i
u
y
t
r
e
s
d

[csee6@fedora osl]$ cat > osfirst
super
^C
[csee6@fedora osl]$ cat osfirst
super
[csee6@fedora osl]$ rm ossecond
[csee6@fedora osl]$ ls
osfirst  osthird
[csee6@fedora osl]$ ls -l
total 8
-rw-r--r--. 1 csee6 csee6 6 Jan 21 16:54 osfirst
-rw-r--r--. 1 csee6 csee6 8 Jan 21 16:53 osthird
[csee6@fedora osl]$ rmdir osl
rmdir: failed to remove 'osl': No such file or directory
[csee6@fedora osl]$ cd ..
[csee6@fedora ~]$ pwd
/home/csee6
```

```
[csee6@fedora ~]$ remdir osl
-bash: remdir: command not found
[csee6@fedora ~]$ rmdir osl'
> ^C
[csee6@fedora ~]$ rmdir osl
rmdir: failed to remove 'osl': Directory not empty
[csee6@fedora ~]$ ls
osl  oslab
[csee6@fedora ~]$ cd osl
[csee6@fedora osl]$ ls
osfirst  osthird
[csee6@fedora osl]$ rmdir osl
rmdir: failed to remove 'osl': No such file or directory
[csee6@fedora osl]$ cd ..
[csee6@fedora ~]$ rmdir osl
rmdir: failed to remove 'osl': Directory not empty
[csee6@fedora ~]$ pwd
/home/csee6
[csee6@fedora ~]$ ls
osl  oslab
[csee6@fedora ~]$ rmdir osl
rmdir: failed to remove 'osl': Directory not empty
[csee6@fedora ~]$ cd osl
[csee6@fedora osl]$ rm ossecond
rm: cannot remove 'ossecond': No such file or directory
[csee6@fedora osl]$ rm osfirst
[csee6@fedora osl]$ rm osthird
[csee6@fedora osl]$ ls
[csee6@fedora osl]$ ls -a
.  ..
[csee6@fedora osl]$ rmdir osl
rmdir: failed to remove 'osl': No such file or directory
[csee6@fedora osl]$ cd ..
[csee6@fedora ~]$ rmdir osl
[csee6@fedora ~]$ ls
oslab
[csee6@fedora ~]$ man ls
[csee6@fedora ~]$ man cat

help
[csee6@fedora ~]$ cd osl
-bash: cd: osl: No such file or directory
[csee6@fedora ~]$ mkdir osl
[csee6@fedora ~]$ ^C
[csee6@fedora ~]$

[csee6@fedora oslab]$ echo "welcome"
welcome
[csee6@fedora oslab]$ date
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          1  2  3  4                  1                  1
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12 13 14 15 16 17 18   9 10 11 12 13 14 15   9 10 11 12 13 14 15
19 20 21 22 23 24 25  16 17 18 19 20 21 22  16 17 18 19 20 21 22
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       April              May                June
Su Mo Tu We Th Fr Sa  Su Mo Tu We Th Fr Sa  Su Mo Tu We Th Fr Sa
       1  2  3  4  5            1  2  3   1  2  3  4  5  6  7
 6  7  8  9 10 11 12   4  5  6  7  8  9 10   8  9 10 11 12 13 14
13 14 15 16 17 18 19  11 12 13 14 15 16 17  15 16 17 18 19 20 21
20 21 22 23 24 25 26  18 19 20 21 22 23 24  22 23 24 25 26 27 28
27 28 29 30           25 26 27 28 29 30 31  29 30

       July              August            September
Su Mo Tu We Th Fr Sa  Su Mo Tu We Th Fr Sa  Su Mo Tu We Th Fr Sa
       1  2  3  4  5               1  2   1  2  3  4  5  6
 6  7  8  9 10 11 12   3  4  5  6  7  8  9   7  8  9 10 11 12 13
```

```
13 14 15 16 17 18 19   10 11 12 13 14 15 16   14 15 16 17 18 19 20
20 21 22 23 24 25 26   17 18 19 20 21 22 23   21 22 23 24 25 26 27
27 28 29 30 31         24 25 26 27 28 29 30   28 29 30
              31
     October            November            December
Su Mo Tu We Th Fr Sa  Su Mo Tu We Th Fr Sa  Su Mo Tu We Th Fr Sa
       1  2  3  4              1     1  2  3  4  5  6
 5  6  7  8  9 10 11   2  3  4  5  6  7  8   7  8  9 10 11 12 13
12 13 14 15 16 17 18   9 10 11 12 13 14 15  14 15 16 17 18 19 20
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              30
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    March 2025
Su Mo Tu We Th Fr Sa
             1
 2  3  4  5  6  7  8
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16 17 18 19 20 21 22
23 24 25 26 27 28 29
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-bash: week: command not found
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    March 2024
Su Mo Tu We Th Fr Sa
             1  2
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17 18 19 20 21 22 23
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[csee6@fedora ~]$ mkdir osl
[csee6@fedora ~]$ pwd
/home/csee6
[csee6@fedora ~]$ cd osl
[csee6@fedora osl]$ pwd
/home/csee6/osl
[csee6@fedora osl]$ cat > osfirst
```

```
hiiiii
^C
[csee6@fedora osl]$ cat osfirst
hiiiii
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hiiiii
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[csee6@fedora osl]$ cat >> osfirst
a
s
d
f
g
h
j
k
l
i
u
```

y
t
r
e
s
d

^C
[csee6@fedora osl]$ tail osfirst
l
i
u
y
t
r
e
s
d

[csee6@fedora osl]$ cat > osfirst
super
^C
[csee6@fedora osl]$ cat osfirst
super
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[csee6@fedora ~]$ rmdir osl
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[csee6@fedora ~]$ ls
osl oslab
[csee6@fedora ~]$ cd osl
[csee6@fedora osl]$ ls
osfirst osthird
[csee6@fedora osl]$ rmdir osl

```
rmdir: failed to remove 'osl': No such file or directory
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[csee6@fedora osl]$ rm osfirst
[csee6@fedora osl]$ rm osthird
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```