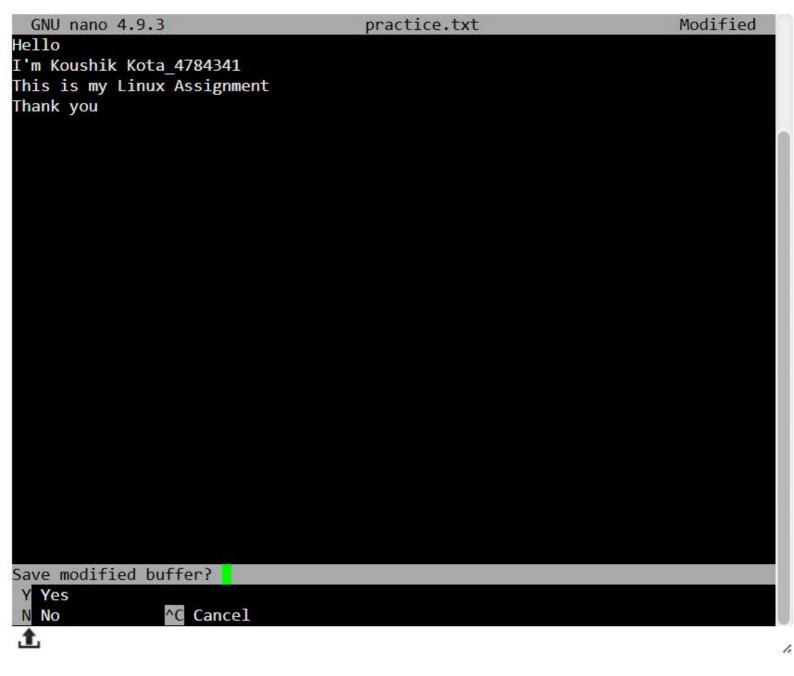```
localhost:~/com# date
Tue Jul 29 17:46:41 UTC 2025
localhost:~/com# mkdir assessment
localhost:~/com# cd assessment
localhost:~/com/assessment# touch practice.txt
localhost:~/com/assessment# nano practice.txt
```

Hello
I'm Koushik Kota_4784341
This is my Linux Assignment
Thank you

Save modified buffer?
 Y Yes
 N No                    ^C Cancel

```
localhost:~# echo $shell

localhost:~# whoami
root
localhost:~# what is grep
sh: what: not found
localhost:~# whatis grep
sh: whatis: not found
localhost:~# whatis cat
sh: whatis: not found
localhost:~# echo "Hello world"
Hello world
localhost:~# cal
      July 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

localhost:~# cal 5 2025
      May 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
```

```
localhost:~# cal 5 2025
      May 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

localhost:~# date "+%D"
07/29/25
localhost:~# date "+%D/%M/%Y"
07/29/25/04/2025
localhost:~# date "+%d-%m-%y"
29-07-25
localhost:~# date "+%D %T"
07/29/25 18:06:25
localhost:~# bc 2+8
bc 1.31.1
Adapted from https://github.com/gavinhoward/bc
Original code (c) 2018 Gavin D. Howard and contributors
bc: can't open '2+8': No such file or directory
localhost:~# bc "2+8"
bc 1.31.1
Adapted from https://github.com/gavinhoward/bc
Original code (c) 2018 Gavin D. Howard and contributors
bc: can't open '2+8': No such file or directory
localhost:~# bc <<< "12/5"
sh: syntax error: unexpected redirection
localhost:~# uname -o
```

```
Linux
localhost:~# uname -i
unknown
localhost:~# uname -n
localhost
localhost:~# uname -a
Linux localhost 4.12.0-rc6-g48ec1f0-dirty #21 Fri Aug 4 21:02:28 CEST 2017 i586
Linux
localhost:~# uname -r
4.12.0-rc6-g48ec1f0-dirty
localhost:~# uname -s
Linux
localhost:~# uname -v
#21 Fri Aug 4 21:02:28 CEST 2017
localhost:~# printf"Linux Traning"
sh: printfLinux Traning: not found
localhost:~# seq 1 10
1
2
3
4
5
6
7
8
9
10
localhost:~# seq 10 -2 1
10
8
```

```
localhost:~# seq 10 -2 1
10
8
6
4
2
localhost:~# seq 1 3 15
1
4
7
10
13
localhost:~# echo $?
0
localhost:~# echo "date"
date
localhost:~# echo'date'
sh: echodate: not found
localhost:~# echo 'date'
date
localhost:~# rev <<< linux
sh: syntax error: unexpected redirection
localhost:~# echo "linux" | rev
xunil
localhost:~# mkdir new
localhost:~# cd new
localhost:~/new# mkdir cm1 cm2 cm3
localhost:~/new# ls
cm1  cm2  cm3
localhost:~/new#
```

```
localhost:~/new# ls
cm1  cm2  cm3
localhost:~/new# rmdir cm1
localhost:~/new# ls
cm2  cm3
localhost:~/new# cd cm2
localhost:~/new/cm2# touch test.txt
localhost:~/new/cm2# echo "Hello" > test.txt
localhost:~/new/cm2# cat test.txt
Hello
localhost:~/new/cm2# rm test.txt
localhost:~/new/cm2# ls
localhost:~/new/cm2# cd new
sh: cd: can't cd to new: No such file or directory
localhost:~/new/cm2# rmdir new
rmdir: 'new': No such file or directory
localhost:~/new/cm2# mkdir new
localhost:~/new/cm2# cd new
localhost:~/new/cm2/new# rmdir new
rmdir: 'new': No such file or directory
localhost:~/new/cm2/new# mkdir new2
localhost:~/new/cm2/new# cd new2
localhost:~/new/cm2/new/new2# mkdir c1 c2 c3
localhost:~/new/cm2/new/new2# ls
c1  c2  c3
localhost:~/new/cm2/new/new2# rmdir c1 c2 c3
localhost:~/new/cm2/new/new2# ls
localhost:~/new/cm2/new/new2# echo "Hello world"| wc
          1          2         12
localhost:~/new/cm2/new/new2#
```

```
           1               2               12
localhost:~/new/cm2/new/new2# history
    0 echo $shell
    1 whoami
    2 what is grep
    3 whatis grep
    4 whatis cat
    5 echo "Hello world"
    6 cal
    7 cal 5 2025
    8 date "+%D"
    9 date "+%D/%M/%Y"
   10 date "+%d-%m-%y"
   11 date "+%D %T"
   12 bc 2+8
   13 bc "2+8"
   14 bc <<< "12/5"
   15 uname -o
   16 uname -i
   17 uname -n
   18 uname -a
   19 uname -r
   20 uname -s
   21 uname -v
   22 printf"Linux Traning"
   23 seq 1 10
   24 seq 10 -2 1
   25 seq 1 3 15
   26 echo $?
   27 echo "date"
```

```
 28 echo'date'
 29 echo 'date'
 30 rev <<< linux
 31 echo "linux" | rev
 32 mkdir new
 33 cd new
 34 mkdir cm1 cm2 cm3
 35 ls
 36 rmdir cm1
 37 ls
 38 cd cm2
 39 touch test.txt
 40 echo "Hello" > test.txt
 41 cat test.txt
 42 rm test.txt
 43 ls
 44 cd new
 45 rmdir new
 46 mkdir new
 47 cd new
 48 rmdir new
 49 mkdir new2
 50 cd new2
 51 mkdir c1 c2 c3
 52 ls
 53 rmdir c1 c2 c3
 54 ls
 55 echo "Hello world"| wc
 56 history
localhost:~/new/cm2/new/new2#
```

```
Loading...

Welcome to JS/Linux (i586)

Use 'vflogin username' to connect to your account.
You can create a new account at https://vfsync.org/signup .
Use 'export_file filename' to export a file to your computer.
Imported files are written to the home directory.


localhost:~# mkdir new
localhost:~# cd new
localhost:~/new# touch tst.txt
localhost:~/new# echo "hai" > tst.txt
localhost:~/new# cat tst.txt
hai
localhost:~/new# touch prac.txt
localhost:~/new# echo "hello" > prac.txt
localhost:~/new# cat prac.txt
hello
localhost:~/new# cat tst.txt prac.txt> comb.txt
localhost:~/new# cat comb.txt
hai
hello
localhost:~/new# wc -w comb.txt
2 comb.txt
localhost:~/new# wc comb.txt
        2         2        10 comb.txt
localhost:~/new# 
```

```
localhost:~/new# wc -w comb.txt
2 comb.txt
localhost:~/new# wc comb.txt
        2         2        10 comb.txt
localhost:~/new# rev comb.txt
iah
olleh
localhost:~/new# cat tst.txt > prac.txt
localhost:~/new# cat tst.txt
hai
localhost:~/new# cat prac.txt
hai
localhost:~/new# cat "no doubt" > prac.txt
cat: can't open 'no doubt': No such file or directory
localhost:~/new# echo "no doubt" > prac.txt
localhost:~/new# cat prac.txt
no doubt
localhost:~/new# echo "okay" >> prac.txt
localhost:~/new# cat prac.txt
no doubt
okay
localhost:~/new# cat prac.txt >> tst.txt
localhost:~/new# cat tst.txt
hai
no doubt
okay
localhost:~/new# rm tst.txt
localhost:~/new# cat tst.txt
cat: can't open 'tst.txt': No such file or directory
localhost:~/new# clear
```

```
localhost:~# mkdir new
localhost:~# cd new
localhost:~/new# touch tst.txt
localhost:~/new# echo "LTTS" > tst.txt
localhost:~/new# cat tst.txt
LTTS
localhost:~/new# touch prac.txt
localhost:~/new# cp tst.txt prac.txt
localhost:~/new# cat prac.txt
LTTS
localhost:~/new# mv tst.txt test.txt
localhost:~/new# cat tst.txt
cat: can't open 'tst.txt': No such file or directory
localhost:~/new# cat test.txt
LTTS
localhost:~/new# cat "BYE" > test.txt
cat: can't open 'BYE': No such file or directory
localhost:~/new# echo "BYE" > test.txt
localhost:~/new# cat test.txt
BYE
localhost:~/new#
```