

Name: Abhishek Kumar

Super set id: 5481973

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abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ history
 1  man sudo_root
 2  date
 3  ls
 4  cd D:\stepin_training
 5  cd d
 6  cd /
 7  cd ~
 8  ls
 9  ls /mnt/d
10  cd /mnt/d/stepin_training
11  nano program.c
12  history
13  cd /mnt/d/stepin_training
14  nano firstprogram.c
15  gcc program.c -o firstprogram
16  sudo apt install gcc
17  sudo apt update --fix-missing
18  sudo apt clean
19  sudo apt autoclean
20  sudo apt autoremove
21  sudo apt update
22  sudo apt install build-essential
23  gcc firstprogram.c -o firstprogram
24  ./firstprogram
25  nano sample.txt
26  cat sample.txt
27  more sample.txt
28  less sample.txt
```

```
29 head sample.txt
30 head -n 5 sample.txt
31 tail sample.txt
32 cut -c 1-3 sample.txt
33 cut -d ':' -f2 sample.txt
34 ls
35 nano f1
36 nano f2
37 nano sample.txt
38 cat f1
39 cat f2
40 cat sample.txt
41 paste f1 f2
42 paste -d ':' f1 f2
43 paste -s f1 f2
44 sort sample.txt
45 sort sample.txt -r
46 sort -t ':' -k3 sample.txt
47 tr ':' '|' < sample.txt
48 history
```

```
abhishek_kumar@LAPTOP-B0E1IQEI:~$ history
 1 man sudo_root
 2 date
 3 ls
 4 cd D:\stepin_training
 5 cd d
 6 cd /
 7 cd ~
 8 ls
 9 ls /mnt/d
10 cd /mnt/d/stepin_training
11 nano program.c
12 history
abhishek_kumar@LAPTOP-B0E1IQEI:~$ cd /mnt/d/stepin_training
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ nano firstprogram.c
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ gcc program.c -o firstpr
ogram
Command 'gcc' not found, but can be installed with:
sudo apt install gcc
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ sudo apt install gcc
[sudo] password for abhishek_kumar:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  cpp cpp-13 cpp-13-x86-64-linux-gnu cpp-x86-64-linux-gnu gcc-13 gcc-13-base
  gcc-13-x86-64-linux-gnu gcc-x86-64-linux-gnu libaom3 libasan8 libatomic1
```

```

abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ sudo apt clean
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ sudo apt autoclean
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ sudo apt autoremove
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
0 upgraded, 0 newly installed, 0 to remove and 143 not upgraded.
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ sudo apt update
Hit:1 http://archive.ubuntu.com/ubuntu noble InRelease
Hit:2 http://security.ubuntu.com/ubuntu noble-security InRelease
Hit:3 http://archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:4 http://archive.ubuntu.com/ubuntu noble-backports InRelease
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
143 packages can be upgraded. Run 'apt list --upgradable' to see them.
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ sudo apt install build-essential
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  bzip2 cpp cpp-13 cpp-13-x86-64-linux-gnu cpp-x86-64-linux-gnu dpkg-dev
  fakeroot g++ g++-13 g++-13-x86-64-linux-gnu g++-x86-64-linux-gnu gcc gcc-13
  gcc-13-base gcc-13-x86-64-linux-gnu gcc-x86-64-linux-gnu
  libalgorithm-diff-perl libalgorithm-diff-xs-perl libalgorithm-merge-perl

```

```

abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ gcc firstprogram.c -o firstprogram
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ ./firstprogram
Hello, WSL C World!
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ nano sample.txt
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ cat sample.txt
101:Alice:Manager
102:Bob:Developer
103:Charlie:Tester
104:David:Support
105:Eva:Designer
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ more sample.txt
101:Alice:Manager
102:Bob:Developer
103:Charlie:Tester
104:David:Support
105:Eva:Designer
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ less sample.txt
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ head sample.txt
101:Alice:Manager
102:Bob:Developer
103:Charlie:Tester
104:David:Support
105:Eva:Designer
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ head -n 5 sample.txt
101:Alice:Manager
102:Bob:Developer
103:Charlie:Tester

```

```
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ more sample.txt
101:Alice:Manager
102:Bob:Developer
103:Charlie:Tester
104:David:Support
105:Eva:Designer
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ less sample.txt
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ head sample.txt
101:Alice:Manager
102:Bob:Developer
103:Charlie:Tester
104:David:Support
105:Eva:Designer
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ head -n 5 sample.txt
101:Alice:Manager
102:Bob:Developer
103:Charlie:Tester
104:David:Support
105:Eva:Designer
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ tail sample.txt
101:Alice:Manager
102:Bob:Developer
103:Charlie:Tester
104:David:Support
105:Eva:Designer
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ cut -c 1-3 sample.txt
101
102
103
```

```
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ cut -d ':' -f2 sample.tx
t
Alice
Bob
Charlie
David
Eva
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ ls
firstprogram      firstprogram.c  firstprogram.c.save  sample.txt
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ nano f1
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ nano f2
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ nano sample.txt
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ cat f1
101
102
103
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ cat f2
Alice
Bob
Charlie
```

```

abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ nano f1
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ nano f2
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ nano sample.txt
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ cat f1
101
102
103
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ cat f2
Alice
Bob
Charlie
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ cat sample.txt
101:Alice:Manager
102:Bob:Developer
103:Charlie:Tester
104:David:Support
105:Eva:Designer
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ paste f1 f2
101      Alice
102      Bob
103      Charlie
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ paste -d ':' f1 f2
101:Alice
102:Bob
103:Charlie
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ paste -s f1 f2
101      102      103
Alice    Bob      Charlie
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ sort sample.txt
101:Alice:Manager

```

```

abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ paste -d ':' f1 f2
101:Alice
102:Bob
103:Charlie
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ paste -s f1 f2
101      102      103
Alice    Bob      Charlie
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ sort sample.txt
101:Alice:Manager
102:Bob:Developer
103:Charlie:Tester
104:David:Support
105:Eva:Designer
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ sort sample.txt -r
105:Eva:Designer
104:David:Support
103:Charlie:Tester
102:Bob:Developer
101:Alice:Manager
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ sort -t ':' -k3 sample.txt
105:Eva:Designer
102:Bob:Developer
101:Alice:Manager
104:David:Support
103:Charlie:Tester
abhishek_kumar@LAPTOP-B0E1IQEI:/mnt/d/stepin_training$ tr ':' '|' < sample.txt
101|Alice|Manager
102|Bob|Developer
103|Charlie|Tester

```