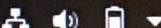


Activities

Terminal ▾

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shilpans@shilpans-VirtualBox: ~

Desktop Downloads Music Pictures Templates
Documents fruits numbers Public Videos
shilpans@shilpans-VirtualBox:~\$ vim fruits

Command 'vim' not found, but can be installed with:

sudo apt install vim # version 2:8.1.2269-1ubuntu5, or
sudo apt install vim-tiny # version 2:8.1.2269-1ubuntu5
sudo apt install neovim # version 0.4.3-3
sudo apt install vim-athena # version 2:8.1.2269-1ubuntu5
sudo apt install vim-gtk3 # version 2:8.1.2269-1ubuntu5
sudo apt install vim-nox # version 2:8.1.2269-1ubuntu5

shilpans@shilpans-VirtualBox:~\$ sudo apt install vim

[sudo] password for shilpans:

shilpans@shilpans-VirtualBox:~\$ sudo^C

shilpans@shilpans-VirtualBox:~\$ sh name.sh

sh: 0: Can't open name.sh

shilpans@shilpans-VirtualBox:~\$ cat splvar.sh

cat: splvar.sh: No such file or directory

shilpans@shilpans-VirtualBox:~\$ echo "current file name is, \$0"

current file name is, bash

shilpans@shilpans-VirtualBox:~\$ █

shilpans@shilpans-VirtualBox:~

Q

≡

-

□

X

shilpans@shilpans-VirtualBox:~\$ cat /etc/shells

/etc/shells: valid login shells

/bin/sh

/bin/bash

/usr/bin/bash

/bin/rbash

/usr/bin/rbash

/bin/dash

/usr/bin/dash

shilpans@shilpans-VirtualBox:~\$ echo \$SHELL

/bin/bash

shilpans@shilpans-VirtualBox:~\$ echo Hello

Hello

shilpans@shilpans-VirtualBox:~\$ cat hello

cat: hello: No such file or directory

shilpans@shilpans-VirtualBox:~\$ nano hello

shilpans@shilpans-VirtualBox:~\$ echo -e 'hello world'

hello world

shilpans@shilpans-VirtualBox:~\$ echo 'hello \b world'

hello \b world

shilpans@shilpans-VirtualBox:~\$ echo -e 'hello \bworld'

helloworld

shilpans@shilpans-VirtualBox:~\$ echo -e 'hello \t world how \v are you'

hello world how

Activities

Terminal ▾

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shilpans@shilpans-VirtualBox: ~



helloworld

shilpans@shilpans-VirtualBox:~\$ echo -e 'hello \t world how \v are you'
hello world how
 are youshilpans@shilpans-VirtualBox:~\$ echo -e 'hello \v world how are \v you'
hello
 world how are
 you

shilpans@shilpans-VirtualBox:~\$ x=10

shilpans@shilpans-VirtualBox:~\$ \$x

10: command not found

shilpans@shilpans-VirtualBox:~\$ echo \$x

10

shilpans@shilpans-VirtualBox:~\$ y=30

shilpans@shilpans-VirtualBox:~\$ echo \$y

30

shilpans@shilpans-VirtualBox:~\$ echo \$x+\$y

10+30

shilpans@shilpans-VirtualBox:~\$ echo \$((x+y))

40

shilpans@shilpans-VirtualBox:~\$ echo \$((x*y))

300

shilpans@shilpans-VirtualBox:~\$ echo \$x

10



shilpans@shilpans-VirtualBox: ~

shilpans@shilpans-VirtualBox:~\$ bash

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

shilpans@shilpans-VirtualBox:~\$ ls

Desktop Downloads Pictures Templates
Documents Music Public Videos

shilpans@shilpans-VirtualBox:~\$ x=56

shilpans@shilpans-VirtualBox:~\$ echo \$x

56

shilpans@shilpans-VirtualBox:~\$ exit

exit

shilpans@shilpans-VirtualBox:~\$ echo \$x

10

shilpans@shilpans-VirtualBox:~\$ cat\etc\shells

catetcshells: command not found

shilpans@shilpans-VirtualBox:~\$ echo \$SHELL

/bin/bash

shilpans@shilpans-VirtualBox:~\$ export x

shilpans@shilpans-VirtualBox:~\$ echo \$x

10

shilpans@shilpans-VirtualBox:~\$ bash

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.



shilpans@shilpans-VirtualBox: ~



shilpans@shilpans-VirtualBox:~\$ echo \$x

10

shilpans@shilpans-VirtualBox:~\$ cat\etc\shells

catetcshells: command not found

shilpans@shilpans-VirtualBox:~\$ echo \$SHELL

/bin/bash

shilpans@shilpans-VirtualBox:~\$ export x

shilpans@shilpans-VirtualBox:~\$ echo \$x

10

shilpans@shilpans-VirtualBox:~\$ bash

To run a command as administrator (user "root"), use "sudo <command>".

See "man sudo_root" for details.

shilpans@shilpans-VirtualBox:~\$ echo \$x

10

shilpans@shilpans-VirtualBox:~\$ sh

\$ echo \$x

10

\$ y=100

\$ echo \$y

100

\$ exit

shilpans@shilpans-VirtualBox:~\$ echo \$y

```
shilpans@shilpans-VirtualBox:~$ echo $x
```

```
10
```

```
shilpans@shilpans-VirtualBox:~$ sh
```

```
$ echo $x
```

```
10
```

```
$ y=100
```

```
$ echo $y
```

```
100
```

```
$ exit
```

```
shilpans@shilpans-VirtualBox:~$ echo $y
```

```
shilpans@shilpans-VirtualBox:~$ sh
```

```
$ echo $y
```

```
$ ^c
```

```
sh: 2: ^c: not found
```

```
$ exit
```

```
shilpans@shilpans-VirtualBox:~$ bash
```

```
To run a command as administrator (user "root"), use "sudo <command>".
```

```
See "man sudo_root" for details.
```

```
shilpans@shilpans-VirtualBox:~$ echo $y
```

Activities

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shilpans@shilpans-VirtualBox: ~



```
shilpans@shilpans-VirtualBox:~$ y=23
shilpans@shilpans-VirtualBox:~$ echo $y
23
shilpans@shilpans-VirtualBox:~$ export y
shilpans@shilpans-VirtualBox:~$ exit
exit
shilpans@shilpans-VirtualBox:~$ echo $y
```

```
shilpans@shilpans-VirtualBox:~$ bash
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.
```

```
shilpans@shilpans-VirtualBox:~$ echo $y
```

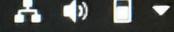
```
shilpans@shilpans-VirtualBox:~$ export y=45
shilpans@shilpans-VirtualBox:~$ exit
exit
shilpans@shilpans-VirtualBox:~$ echo $y
```

```
shilpans@shilpans-VirtualBox:~$ exit
exit
shilpans@shilpans-VirtualBox:~$ cat > fruits
apple
orange
```

Activities

Terminal ▾

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shilpans@shilpans-VirtualBox: ~



```
shilpans@shilpans-VirtualBox:~$ exit
```

```
exit
```

```
shilpans@shilpans-VirtualBox:~$ cat > fruits
```

```
apple
```

```
orange
```

```
grapes
```

```
pineapple
```

```
ponjikka
```

```
jambakka
```

```
pulinjikka
```

```
nellikka
```

```
$ cat fruits
```

```
^C
```

```
shilpans@shilpans-VirtualBox:~$ cat fruits
```

```
apple
```

```
orange
```

```
grapes
```

```
pineapple
```

```
ponjikka
```

```
jambakka
```

```
pulinjikka
```

```
nellikka
```

```
$ cat fruits
```

Activities

Terminal ▾

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shilpans@shilpans-VirtualBox: ~

pulinjikka

nellikka

\$ cat fruits

shilpans@shilpans-VirtualBox:~\$ sort fruits

\$ cat fruits

apple

grapes

jambakka

nellikka

orange

pineapple

ponjikka

pulinjikka

shilpans@shilpans-VirtualBox:~\$ cat > numbers

0

1

234

544

64

8

85

74

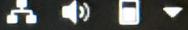
35

45

Activities

Terminal ▾

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shilpans@shilpans-VirtualBox: ~



pulinjikka

shilpans@shilpans-VirtualBox:~\$ cat > numbers

0

1

234

544

64

8

85

74

35

^C

shilpans@shilpans-VirtualBox:~\$ cat numbers

0

1

234

544

64

8

85

74

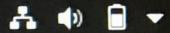
35

shilpans@shilpans-VirtualBox:~\$ sort numbers

Activities

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8

85

shilpans@shilpans-VirtualBox:~\$ sort -r fruits

pulinjikka

ponjikka

pineapple

orange

nellikka

jambakka

grapes

apple

\$ cat fruits

shilpans@shilpans-VirtualBox:~\$ sort -n numbers

0

1

8

35

64

74

85

234

544

shilpans@shilpans-VirtualBox:~\$ sort -nr numbers

544

shilpans@shilpans-VirtualBox: ~



64

35

8

1

0

shilpans@shilpans-VirtualBox:~\$ ^C

shilpans@shilpans-VirtualBox:~\$ ^C

shilpans@shilpans-VirtualBox:~\$ s

s: command not found

shilpans@shilpans-VirtualBox:~\$ ls

Desktop Downloads Music Pictures Templates

Documents fruits numbers Public Videos

shilpans@shilpans-VirtualBox:~\$ vim fruits

Command 'vim' not found, but can be installed with:

sudo apt install vim # version 2:8.1.2269-1ubuntu5, or

sudo apt install vim-tiny # version 2:8.1.2269-1ubuntu5

sudo apt install neovim # version 0.4.3-3

sudo apt install vim-athena # version 2:8.1.2269-1ubuntu5

sudo apt install vim-gtk3 # version 2:8.1.2269-1ubuntu5

sudo apt install vim-nox # version 2:8.1.2269-1ubuntu5

shilpans@shilpans-VirtualBox:~\$ sudo apt install vim



shilpans@shilpans-VirtualBox: ~



```
Desktop    Downloads  Music   Pictures  Templates  
Documents  fruits    numbers  Public    Videos  
shilpans@shilpans-VirtualBox:~$ vim fruits
```

Command 'vim' not found, but can be installed with:

```
sudo apt install vim          # version 2:8.1.2269-1ubuntu5, or  
sudo apt install vim-tiny     # version 2:8.1.2269-1ubuntu5  
sudo apt install neovim        # version 0.4.3-3  
sudo apt install vim-athena    # version 2:8.1.2269-1ubuntu5  
sudo apt install vim-gtk3       # version 2:8.1.2269-1ubuntu5  
sudo apt install vim-nox        # version 2:8.1.2269-1ubuntu5
```

```
shilpans@shilpans-VirtualBox:~$ sudo apt install vim
```

```
[sudo] password for shilpans:
```

```
shilpans@shilpans-VirtualBox:~$ sudo^C
```

```
shilpans@shilpans-VirtualBox:~$ sh name.sh
```

```
sh: 0: Can't open name.sh
```

```
shilpans@shilpans-VirtualBox:~$ cat splvar.sh
```

```
cat: splvar.sh: No such file or directory
```

```
shilpans@shilpans-VirtualBox:~$ echo "current file name is, $0"
```

```
current file name is, bash
```

```
shilpans@shilpans-VirtualBox:~$ 
```