

# OSP Lab Exam

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

mathew@mathew-VirtualBox:~$ mkdir exam
mathew@mathew-VirtualBox:~$ ls
;
armstrong
armstrong linux any number.odt
Desktop
Documents
Downloads
errormsg.txt
exam
examples.desktop
factorial
file_list.txt
filename.tar.gz
indtmca
largest
largest.sh
mahtew3.txt
mathew
mathew3.txt
mathew4.sh
mathew.sh
mathew.tar.gz
Music
negative.sh
new.sh
new.txt
palindrome
Pictures
Public
sum.sh
Templates
test2
Videos

mathew@mathew-VirtualBox:~$ cd exam
mathew@mathew-VirtualBox:~/exam$ mkdir cs
mathew@mathew-VirtualBox:~/exam$ mkdir ec
mathew@mathew-VirtualBox:~/exam$ mkdir prime or not
mathew@mathew-VirtualBox:~/exam$ ls
cs ec not or prime
mathew@mathew-VirtualBox:~/exam$ cat > aboutcs.txt
cs is a good course for computer science students
^C
mathew@mathew-VirtualBox:~/exam$ cat aboutcs.txt
cs is a good course for computer science students
mathew@mathew-VirtualBox:~/exam$ cst >aboutec.txt
No command 'cst' found, but there are 18 similar ones
cst: command not found
mathew@mathew-VirtualBox:~/exam$ cat >aboutec.txt
Ec is course for students who like electronics
^Z
[1]+  Stopped                  cat > aboutec.txt
mathew@mathew-VirtualBox:~/exam$ cat aboutec.txt
Ec is course for students who like electronics
```

```
mathew@mathew-VirtualBox:~/exam$ cat >aboutec.txt
Ec is course for students who like electronics
^Z
[1]+  Stopped                  cat > aboutec.txt
mathew@mathew-VirtualBox:~/exam$ cat aboutec.txt
Ec is course for students who like electronics
mathew@mathew-VirtualBox:~/exam$ cat >aboutme.txt
Me is one of the best course that are available in education
mathew@mathew-VirtualBox:~/exam$ cat aboutme.txt
Me is one of the best course that are available in education
mathew@mathew-VirtualBox:~/exam$
```

```
#!/bash/sh
echo "Enter the number:"
read a
c=0
for (( i=1 ; i <= $a ; i++ ))
do
if [ $a%$i == 0 ]
then
c=`expr $c + 1`
fi
done
if [ $c -eq 2 ]
then
echo "Given number is prime"
else
echo "Given number is not prime"
fi
~
~
~
~
~
```

```
mathew@mathew-VirtualBox:~$ cd exam
mathew@mathew-VirtualBox:~/exam$ cd prime or not
mathew@mathew-VirtualBox:~/exam/prime$ bash prime or not
Enter the number:
4
Given number is not prime
mathew@mathew-VirtualBox:~/exam/prime$
```

