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
;                               examples.desktop   mathew        new.txt
armstrong                       factoral           mathew3.txt   palindrome
armstrong linux any number.odt  file_list.txt      mathew4.sh    Pictures
Desktop                         filename.tar.gz    mathew.sh     Public
Documents                       indtmca            mathew.tar.gz sum.sh
Downloads                       largest            Music         Templates
errormsg.txt                    largest.sh         negative.sh   test2
exam                            mahtew3.txt        new.sh        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 educationmathew@mathew-Virtua
lBox:~/exam$ cat aboutme.txt
Me is one of the best course that are available in educationmathew@mathew-Virtua
lBox:~/exam$
```

```bash
#!/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$
```