

OS Lab Assignment 1

Submitted By:

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```
bughunter9@bughunter9:~/Desktop$ date
Thursday 27 January 2022 08:40:44 AM IST
bughunter9@bughunter9:~/Desktop$ cal
    January 2022
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
bughunter9@bughunter9:~/Desktop$ echo "Lab"
Lab
bughunter9@bughunter9:~/Desktop$ echo "Manroop Parmar"
Manroop Parmar
```

```
bughunter9@bughunter9:~/Documents$ ls
Docker  Notes
bughunter9@bughunter9:~/Documents$ whoami
bughunter9
bughunter9@bughunter9:~/Documents$ uptime
08:49:15 up 52 min, 1 user, load average: 3.00, 4.46, 3.98
bughunter9@bughunter9:~/Documents$ uname
Linux
bughunter9@bughunter9:~/Documents$ uname-a
uname-a: command not found
bughunter9@bughunter9:~/Documents$ hostname
bughunter9
bughunter9@bughunter9:~/Documents$ $uname-a
-a: command not found
bughunter9@bughunter9:~/Documents$ bc
bc 1.07.1
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This is free software with ABSOLUTELY NO WARRANTY.
For details type `warranty'.
1+2
3
92*4/8
46
quit
bughunter9@bughunter9:~/Documents$ cat Notes
cat: Notes: Is a directory
bughunter9@bughunter9:~/Documents$ grep ports Notes
grep: Notes: Is a directory
bughunter9@bughunter9:~/Documents$ ls
Docker  Notes
bughunter9@bughunter9:~/Documents$ ls
Docker  node  Notes
bughunter9@bughunter9:~/Documents$ rm node
bughunter9@bughunter9:~/Documents$ ls
Docker  Notes
bughunter9@bughunter9:~/Documents$
```

```
bughunter9@bughunter9:~/Documents$ bc
bc 1.07.1
Copyright 1991-1994, 1997, 1998, 2000, 2004, 2006, 2008, 2012-2017 Free Software Foundation, Inc.
This is free software with ABSOLUTELY NO WARRANTY.
For details type `warranty'.
scale=1
2.01+1
3.01
2.25+1
3.25
ibase=2
obase=8
echo "ibase=16"
(standard_in) 6: syntax error
1101
15
16
3
exit
0
Exit
(standard_in) 10: syntax error
exit
0
quit
bughunter9@bughunter9:~/Documents$ echo "obase=16; 192" | bc
C0
bughunter9@bughunter9:~/Documents$ echo "obase=16; 32" | bc
20
bughunter9@bughunter9:~/Documents$ bc
bc 1.07.1
Copyright 1991-1994, 1997, 1998, 2000, 2004, 2006, 2008, 2012-2017 Free Software Foundation, Inc.
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For details type `warranty'.
ibase=2
obase=16
110101
1222
1010
101
```

```
bughunter9@bughunter9:~/Documents$ echo "sqrt(100)" | bc
10
bughunter9@bughunter9:~/Documents$ touch node
bughunter9@bughunter9:~/Documents$ ls
Docker  node  Notes
bughunter9@bughunter9:~/Documents$ cat >>node
Adding text to the node file
quit
^C
bughunter9@bughunter9:~/Documents$ cat node
Adding text to the node file
quit
bughunter9@bughunter9:~/Documents$ mv node new
bughunter9@bughunter9:~/Documents$ ls
Docker  new  Notes
bughunter9@bughunter9:~/Documents$ touch blank
bughunter9@bughunter9:~/Documents$ ls
blank  Docker  new  Notes
bughunter9@bughunter9:~/Documents$ cp new blank
bughunter9@bughunter9:~/Documents$ cat blank
Adding text to the node file
quit
bughunter9@bughunter9:~/Documents$ head -1 blank
Adding text to the node file
bughunter9@bughunter9:~/Documents$ tail -1 blank
quit
bughunter9@bughunter9:~/Documents$ chmodu+rw,g+rwblank
chmodu+rw,g+rwblank: command not found
bughunter9@bughunter9:~/Documents$ ch mod u+rw blank
ch: command not found
bughunter9@bughunter9:~/Documents$ $ch mod u+rw blank

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

sudo apt install monodoc-base

bughunter9@bughunter9:~/Documents$ wc -l blank
2 blank
bughunter9@bughunter9:~/Documents$
```



```
bughunter9@bughunter9:~/Documents$ cut -c 1 blank
A
q
bughunter9@bughunter9:~/Documents$ cat blank
Adding text to the node file
quit
bughunter9@bughunter9:~/Documents$ cut -c 1-5 blank
Addin
quit
bughunter9@bughunter9:~/Documents$ cat blank
Adding text to the node file
quit
bughunter9@bughunter9:~/Documents$ cut -f 1 blank
Adding text to the node file
quit
bughunter9@bughunter9:~/Documents$ cat blank
Adding text to the node file
quit
```