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LAB-0

→ Command :- \$date

O/P :- Tuesday 08 November 2022 11:31:36 AM IST.

→ Command :- \$echo hello

O/P :- hello.

→ Command :- \$date +%d

O/P :- 08

→ Command :- \$date +%m

O/P :- 11.

→ Command :- \$date +%j

O/P :- 312.

→ Command :- \$date +%a

O/P :- 11:42:07 AM IST.

→ Command :- \$date +%h ; O/P :- NOV.

→ Command :- \$date +%.a ; O/P :- Tue.

→ Command :- \$date +%.A ; O/P :- Tuesday.

→ Command :- \$date +%.C ; O/P :- 20.

→ Command :- \$bc

$$15+2$$

$$17$$

$$10^2, 100.$$

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$$20 - 5 = 15$$

$$40 * 10 = 400.$$

$$6 - 10 + 5 = 1$$

quit :- $\text{ctrl} + \text{C}$ \rightarrow quit

→ Command :- \$man

O/P :- An interface to the system reference manual.

→ Command :- \$man ls

O/P :- list directory contents

→ Command :- \$man man.7

O/P :- Macros to format man pages.

→ Command :- \$man -a.

what manual page do you want.

→ Command :- \$ mkdir yasaswini

cd yasaswini

→ Command :- \$ Pwd

O/P :- /home/bmscel/yasaswini.

→ Command :- \$cat > file 1

hello world.

→ Command :- \$cat file 1

hello world.

→ Command :- \$cat -n

input:- 12

O/P:- 1 12

input:- 112

2 112

input:- 15

3 15

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- Command :- \$ ttv
O/P :- /dev/pts/0.
- Command :- \$ stv
O/P :- Speed 38400 baud; line=0
-echoint -imaxbel iutf8.
- Command :- \$ stv -a.
O/P :- print all current setting in human
readable form.
- Command :- \$ stv uname.
O/P :- linux.
- Command :- \$ uname -p.
O/P :- x86-64.
- Command :- \$ uname -n.
O/P :- bmsce-HP-Pro-3330-MT.
- Command :- \$ uname -s.
O/P :- linux.
- Command :- \$ uname -0
O/P :- gnu/linux.
- Command :- \$ stv -a.
int = ^C:
-\$ stv int = ^A.
⇒ \$ stv -a.
int = ^A.

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→ Command :- \$ who
O/P :- bmsce tty2 2022-11-08 11:18 (tty2).

→ Command :- \$ who -b
O/P :- System boot 2022-11-08 11:14.

→ Command :- \$ echo \$PATH
O/P :- /usr/local/sbin:/usr/local/bin:/usr...

→ Command :- \$ echo \$SHELL
O/P :- /bin/bash.

→ Command :- nano hello.sh

→ Hello world in nano editor.

#!/bin/bash.

echo "Hello world".

→ Command :- \$ script \$ echo "Hello"
\$ cat typescript Hello.

→ Command :- \$ rm filee.

→ Command :- \$ ps

O/P :- PID TTY TIME COMMAND

2613 pts/0 00:00:00 bash

2017 pts/0 00:00:00 ps.

WEEK - 1

→ Hello world in nano editor.

```
#!/bin/bash
```

```
echo "Hello world"
```

Commands: \$ chmod a+x first.sh

O/P :- Hello world.

→ nano file1.sh.

```
#!/bin/bash
```

```
x=5
```

```
echo $x
```

```
echo "Enter value"
```

```
read n
```

```
echo "$n"
```

Ctrl X

Output :- 5

Enter the "value" 10

10

→ #!/bin/sh

var1=10

var2=20

sum=\$((var1 + var2))

echo \$ sum

Ctrl X

Output:- 30.

8/11/22