

Lab-2

stty - change and print terminal line settings

stty -a

--all

print all current settings in human-readable form

tty - print the file name of the terminal connected to standard input.

Script - make typescript of terminal session

ls - list directory contents

ls -l → use a long listing format

passwd → Assigns a login password

① \$ nano first.sh.

echo "Hello World"

\$ chmod a+x First.sh

→ \$ sh first.sh.

hello world

\$./First.sh.

hello world

②

\$ echo -n "printing text without new line"

\$ echo -e "\n removing \t back slash \t characters \n"

Output:- \$./first.sh

printing text without new line

removing .. back slash

characters.

③ Adding 2 numbers

```
$ sum=$((21+23))
```

```
echo "sum = $sum"
```

Output: - $\$./first.sh$.

Sum = 44.

④ Reading input

```
$ echo "enter your name"
```

```
read name
```

```
echo "Welcome $name to LinuxHint"
```

Output: - enter your name

Sri nidhi

Welcome Sri nidhi to LinuxHint.

⑤ Find area.

```
$ ((area = 5 * 5))
```

```
echo $area
```

Output: - 25.

⑥ #!/bin/sh

```
echo "Enter Source and Target Filenames"
```

```
read source target
```

```
if cp $source $target
```

```
then
```

```
echo "File copied successfully"
```

```
else
```

```
echo "copying of file failed"
```

```
fi
```


\$* - It stores the Complete set of positional parameters as a single string

\$# - It's a set to the no of arguments specified

\$0 - filename of the current script.

\$1, \$2 - Positional parameters representing command line arguments.

"\$@" - Each quoted string treated as a separate argument.

\$? - Exit status of last command.

\$\$ - PID of the current shell.

\$! - PID of the last background job.

#!/bin/bash.

echo "Enter the pattern to be searched: \c"

read pname

echo "Enter the file to be used: \c"

read fname

echo "Searching for \$pname from file \$fname"

grep "\$pname" \$fname

echo "Selected Records selected in filename"

Logical Operator \$&and ||

Cmd1 && Cmd2

Cmd1 || Cmd2.

If Condition

If Command is successful.

then

~~do~~ execute Command

else

execute Command

Rs
07/11/22