

bash.txt **Sun Sep 20 08:54:54 2020** **1**

Script started on 2020-09-19 14:31:36+05:30 [TERM="xterm-256color" TTY="/dev/pts/0" COLUMNS="80" LINES="24"]

\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m\$ cat\033[Kt code1
echo "Iam Guru saran"

cat file1.txt
grep -n apple file1.txt

\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m\$ basg\033[Kh code1

Iam Guru saran

guru
rohit
abhi
apple
amrita
visakhapatnam
goa
orange

4:apple

\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m\$ exit

Script done on 2020-09-19 14:32:04+05:30 [COMMAND_EXIT_CODE="0"]

```
Script started on 2020-09-19 10:14:50+05:30 [TERM="xterm-256color" TTY="/dev/pts/0" COLUMNS="96" LINES="45"]
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Deskt
op/ASsignment1\033[00m$ ps
  PID TTY          TIME CMD
  2614 pts/1        00:00:00 bash
  2627 pts/1        00:00:00 ps
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Deskt
op/ASsignment1\033[00m$ firefox &
[1] 2628
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Deskt
op/ASsignment1\033[00m$ bg
bash: bg: job 1 already in background
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Deskt
op/ASsignment1\033[00m$ ps
  PID TTY          TIME CMD
  2614 pts/1        00:00:00 bash
  2628 pts/1        00:00:02 MainThread
  2664 pts/1        00:00:00 ps
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Deskt
op/ASsignment1\033[00m$ ps
  PID TTY          TIME CMD
  2614 pts/1        00:00:00 bash
  2628 pts/1        00:00:19 MainThread
  2695 pts/1        00:00:06 Privileged Cont
  2754 pts/1        00:00:02 Web Content
  2806 pts/1        00:00:01 WebExtensions
  2859 pts/1        00:00:00 firefox
  2860 pts/1        00:00:00 Chroot Helper
  2868 pts/1        00:00:00 ps
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Deskt
op/ASsignment1\033[00m$ \007kill 2859
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Deskt
op/ASsignment1\033[00m$ ps
  PID TTY          TIME CMD
  2614 pts/1        00:00:00 bash
  2628 pts/1        00:00:26 MainThread
  2695 pts/1        00:00:06 Privileged Cont
  2754 pts/1        00:00:02 Web Content
  2806 pts/1        00:00:02 WebExtensions
  2898 pts/1        00:00:00 ps
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Deskt
op/ASsignment1\033[00m$ \033[Kexit

Script done on 2020-09-19 10:16:11+05:30 [COMMAND_EXIT_CODE="0"]
```

cat.txt

Sun Sep 20 08:54:54 2020

1

Script started on 2020-09-19 14:32:36+05:30 [TERM="xterm-256color" TTY="/dev/pts/0" COLUMNS="80" LINES="24"]

\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m\$ cat \033[Kfile1.txt

guru

rohit

abhi

apple

amrita

visakhapatnam

goa

orange

\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m\$ exit

Script done on 2020-09-19 14:32:55+05:30 [COMMAND_EXIT_CODE="0"]

```
Script started on 2020-09-19 10:18:06+05:30 [TERM="xterm-256color" TTY="/dev/pts/0" COLUMNS="96" LINES="45"]
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Deskt
op/ASsignment1\033[00m$ ls -l
total 24
-rw-rw-r-- 1 guru guru 6727 Sep 19 10:13 bash1.txt
-rw-rw-r-- 1 guru guru 1886 Sep 19 10:16 bg1.txt
-rw-rw-r-- 1 guru guru 7138 Sep 19 10:17 cat.txt
-rw-rw-r-- 1 guru guru 0 Sep 19 10:18 chmod.txt
-rw-rw-r-- 1 guru guru 97 Sep 19 10:13 code
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Deskt
op/ASsignment1\033[00m$ chmod 777 code
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Deskt
op/ASsignment1\033[00m$ ls -l
total 24
-rw-rw-r-- 1 guru guru 6727 Sep 19 10:13 bash1.txt
-rw-rw-r-- 1 guru guru 1886 Sep 19 10:16 bg1.txt
-rw-rw-r-- 1 guru guru 7138 Sep 19 10:17 cat.txt
-rw-rw-r-- 1 guru guru 0 Sep 19 10:18 chmod.txt
-rwxrwxrwx 1 guru guru 97 Sep 19 10:13 \033[0m\033[01;32mcode\033[0m
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Deskt
op/ASsignment1\033[00m$ chmod 664 ocd\033[K\033[K\033[K\033[Kcode
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Deskt
op/ASsignment1\033[00m$ ls -l
total 24
-rw-rw-r-- 1 guru guru 6727 Sep 19 10:13 bash1.txt
-rw-rw-r-- 1 guru guru 1886 Sep 19 10:16 bg1.txt
-rw-rw-r-- 1 guru guru 7138 Sep 19 10:17 cat.txt
-rw-rw-r-- 1 guru guru 0 Sep 19 10:18 chmod.txt
-rw-rw-r-- 1 guru guru 97 Sep 19 10:13 code
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Deskt
op/ASsignment1\033[00m$ exit

Script done on 2020-09-19 10:20:03+05:30 [COMMAND_EXIT_CODE="0"]
```

```
Script started on 2020-09-19 10:20:21+05:30 [TERM="xterm-256color" TTY="/dev/pts/0" COLUMNS="96" LINES="45"]
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Deskt
op/ASsignment1\033[00m$ ls -l
total 28
-rw-rw-r-- 1 guru guru 6727 Sep 19 10:13 bash1.txt
-rw-rw-r-- 1 guru guru 1886 Sep 19 10:16 bg1.txt
-rw-rw-r-- 1 guru guru 7138 Sep 19 10:17 cat.txt
-rw-rw-r-- 1 guru guru 1653 Sep 19 10:20 chmod.txt
-rw-rw-r-- 1 guru guru    0 Sep 19 10:20 chown.txt
-rw-rw-r-- 1 guru guru   97 Sep 19 10:13 code
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Deskt
op/ASsignment1\033[00m$ \033[K\007sudo chown saran code
[sudo] password for guru:
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Deskt
op/ASsignment1\033[00m$ ls -l
total 28
-rw-rw-r-- 1 guru  guru 6727 Sep 19 10:13 bash1.txt
-rw-rw-r-- 1 guru  guru 1886 Sep 19 10:16 bg1.txt
-rw-rw-r-- 1 guru  guru 7138 Sep 19 10:17 cat.txt
-rw-rw-r-- 1 guru  guru 1653 Sep 19 10:20 chmod.txt
-rw-rw-r-- 1 guru  guru    0 Sep 19 10:20 chown.txt
-rw-rw-r-- 1 saran guru   97 Sep 19 10:13 code
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Deskt
op/ASsignment1\033[00m$ exit

Script done on 2020-09-19 10:21:10+05:30 [COMMAND_EXIT_CODE="0"]
```

ddd.txt

Sun Sep 20 08:54:54 2020

1

```
Script started on 2020-09-19 10:22:40+05:30 [TERM="xterm-256color" TTY="/dev/pts/0" COLUMNS="203" LINES="45"]
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m$ ddd
Warning: Cannot convert string "--helvetica-medium-r-*-*-*120-*-*-*--iso8859-*" to type FontStruct
(Annoyed? Try 'Edit->Preferences->General->Suppress X Warnings'!)
Warning: Cannot convert string "--helvetica-medium-r-*-*-*100-*-*-*--iso8859-*" to type FontStruct
Warning: Cannot convert string "--lucidatypewriter-medium-r-*-*-*120-*-*-*--iso8859-*" to type FontStruct
Warning: Cannot convert string "--lucidatypewriter-bold-r-*-*-*120-*-*-*--iso8859-*" to type FontStruct
Warning: Cannot convert string "--helvetica-bold-r-*-*-*120-*-*-*--iso8859-*" to type FontStruct
Warning: Cannot convert string "--helvetica-medium-*-*-*120-*-*-*--iso8859-*" to type FontStruct
Warning: Cannot convert string "--helvetica-bold-*-*-*120-*-*-*--iso8859-*" to type FontStruct
Warning: Cannot convert string "--helvetica-bold-r-*-*-*180-*-*-*--iso8859-*" to type FontStruct
Warning: Cannot convert string "--symbol-*-*-*120-*-*-*--adobe-*" to type FontStruct
Warning: Could not load font "--lucidatypewriter-medium-*-*-*120-*-*-*--iso8859-*", using font "fixed" instead
Warning: Could not load font "--lucidatypewriter-medium-r-*-*-*120-*-*-*--iso8859-*", using font "fixed" instead
Warning: Could not load font "--lucidatypewriter-bold-*-*-*120-*-*-*--iso8859-*", using font "fixed" instead
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m$ \007exit

Script done on 2020-09-19 10:23:41+05:30 [COMMAND_EXIT_CODE="0"]
```

df.txt Sun Sep 20 09:17:06 2020 1

Script started on 2020-09-20 09:16:58+05:30 [TERM="xterm-256color" TTY="/dev/pts/3" COLUMNS="80" LINES="24"]

\033]0;guru@ubuntu: ~/Desktop/OS\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/OS\033[00m\$ df -h

Filesystem	Size	Used	Avail	Use%	Mounted on
udev	953M	0	953M	0%	/dev
tmpfs	196M	1.6M	195M	1%	/run
/dev/sda5	29G	8.9G	19G	33%	/
tmpfs	980M	0	980M	0%	/dev/shm
tmpfs	5.0M	4.0K	5.0M	1%	/run/lock
tmpfs	980M	0	980M	0%	/sys/fs/cgroup
/dev/loop1	256M	256M	0	100%	/snap/gnome-3-34-1804/36
/dev/loop2	56M	56M	0	100%	/snap/core18/1885
/dev/loop6	30M	30M	0	100%	/snap/snapd/8790
/dev/loop0	256M	256M	0	100%	/snap/gnome-3-34-1804/33
/dev/loop4	55M	55M	0	100%	/snap/core18/1754
/dev/loop8	31M	31M	0	100%	/snap/snapd/9279
/dev/loop7	50M	50M	0	100%	/snap/snap-store/454
/dev/loop5	50M	50M	0	100%	/snap/snap-store/467
/dev/loop3	63M	63M	0	100%	/snap/gtk-common-themes/1506
/dev/sda1	511M	4.0K	511M	1%	/boot/efi
tmpfs	196M	56K	196M	1%	/run/user/1000

\033]0;guru@ubuntu: ~/Desktop/OS\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/OS\033[00m\$ exit

Script done on 2020-09-20 09:17:06+05:30 [COMMAND_EXIT_CODE="0"]

```
Script started on 2020-09-19 10:32:29+05:30 [TERM="xterm-256color" TTY="/dev/pts/0" COLUMNS="203" LINES="43"]
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m$ cat file1.txt
guru
rohit
abhi
apple
amrita
visakhapatnam
goa
orange

\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m$ cat file2.txt
abhi
vizag
orange
apple
Andhra pradesh
Delhi

\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m$ diff file1\033[K.txt file2.txt
1,2d0
< guru
< rohit
4,7c2
< apple
< amrita
< visakhapatnam
< goa
---
> vizag
8a4,6
> apple
> Andhra pradesh
> Delhi
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m$ exit

Script done on 2020-09-19 10:35:48+05:30 [COMMAND_EXIT_CODE="1"]
```


du.txt **Sun Sep 20 08:54:54 2020** **1**

Script started on 2020-09-19 10:26:20+05:30 [TERM="xterm-256color" TTY="/dev/pts/0" COLUMNS="203" LINES="43"]

\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m\$ du -ah

```
4.0K    ./bgl.txt
0       ./du.txt
4.0K    ./chown.txt
4.0K    ./ddd.txt
4.0K    ./chmod.txt
4.0K    ./code
8.0K    ./cat.txt
4.0K    ./df.txt
8.0K    ./bash1.txt
44K     .
```

\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m\$ exit

Script done on 2020-09-19 10:26:34+05:30 [COMMAND_EXIT_CODE="0"]

```
Script started on 2020-09-19 11:03:30+05:30 [TERM="xterm-256color" TTY="/dev/pts/2" COLUMNS="203" LINES="43"]
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m$ emacs \033[Kfile.txt
^C\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m$ emacs --version
GNU Emacs 26.3
Copyright (C) 2019 Free Software Foundation, Inc.
GNU Emacs comes with ABSOLUTELY NO WARRANTY.
You may redistribute copies of GNU Emacs
under the terms of the GNU General Public License.
For more information about these matters, see the file named COPYING.
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m$ exit

Script done on 2020-09-19 11:04:26+05:30 [COMMAND_EXIT_CODE="0"]
```

env.txt

Sun Sep 20 08:54:54 2020

1

Script started on 2020-09-19 14:12:26+05:30 [TERM="xterm-256color" TTY="/dev/pts/0" COLUMNS="79" LINES="23"]

```
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Deskt
op/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/
XDesktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/
/Desktop/ASsignment1\033[00m$ env | grep \033[KUSER
\033[01;31m\033[KUSER\033[m\033[KNAME=guru
\033[01;31m\033[KUSER\033[m\033[K=guru
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Deskt
op/ASsignment1\033[00m$ exit
```

Script done on 2020-09-19 14:12:41+05:30 [COMMAND_EXIT_CODE="0"]

Script started on 2020-09-19 10:56:27+05:30 [TERM="xterm-256color" TTY="/dev/pts/2" COLUMNS="203" LINES="43"]

\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m\$ ps

PID	TTY	TIME	CMD
5998	pts/1	00:00:00	bash
6012	pts/1	00:00:00	ps

\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m\$ fire\033[K\033[K\033[K\033[Kfirefox &

[1] 6013

\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m\$ ps

PID	TTY	TIME	CMD
5998	pts/1	00:00:00	bash
6013	pts/1	00:00:25	MainThread
6193	pts/1	00:00:06	Privileged Cont
6247	pts/1	00:00:08	Web Content
6273	pts/1	00:00:01	WebExtensions
6319	pts/1	00:00:00	Web Content
6428	pts/1	00:00:00	ps

\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m\$ fg

firefox

^C[GFX1-]: Receive IPC close with reason=AbnormalShutdown

Exiting due to channel error.

Exiting due to channel error.

Exiting due to channel error.

Exiting due to channel error.

\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m\$ exit

Script done on 2020-09-19 10:58:00+05:30 [COMMAND_EXIT_CODE="130"]

```
Script started on 2020-09-19 13:24:37+05:30 [TERM="xterm-256color" TTY="/dev/pts/1" COLUMNS="203" LINES="43"]
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m$ cat\033[K\033[K\033[Kcc\033[K\033[K\033[Kgcc hello.c -o hello
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m$ gdb hello
\033[35;1m\033[35;1mGNU gdb \033[m\033[35;1m(Ubuntu 9.1-0ubuntu1) \033[m\033[35;1m9.1\033[m\033[35;1m
\033[m\033[mCopyright (C) 2020 Free Software Foundation, Inc.
License GPLv3+: GNU GPL version 3 or later <http://gnu.org/licenses/gpl.html>
This is free software: you are free to change and redistribute it.
There is NO WARRANTY, to the extent permitted by law.
Type "show copying" and "show warranty" for details.
This GDB was configured as "x86_64-linux-gnu".
Type "show configuration" for configuration details.
For bug reporting instructions, please see:
<http://www.gnu.org/software/gdb/bugs/>.
Find the GDB manual and other documentation resources online at:
    <http://www.gnu.org/software/gdb/documentation/>.

For help, type "help".
Type "apropos word" to search for commands related to "word"...
Reading symbols from \033[32mhello\033[m...
(No debugging symbols found in \033[32mhello\033[m)
(gdb) q
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m$ exit

Script done on 2020-09-19 13:26:49+05:30 [COMMAND_EXIT_CODE="0"]
```

Script started on 2020-09-19 11:07:22+05:30 [TERM="xterm-256color" TTY="/dev/pts/0" COLUMNS="203" LINES="43"]

\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m\$ cat file1.txt

guru
rohit
abhi
apple
amrita
visakhapatnam
goa
orange

\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m\$ grep goa\033[K\033[K\033[K-n goa file1.txt

\033[32m\033[K7\033[m\033[K\033[36m\033[K:\033[m\033[K\033[01;31m\033[Kgoa\033[m\033[K\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m\$ exit

Script done on 2020-09-19 11:09:14+05:30 [COMMAND_EXIT_CODE="0"]

kill.txt Sun Sep 20 08:54:54 2020 1

```
Script started on 2020-09-19 11:17:25+05:30 [TERM="xterm-256color" TTY="/dev/pts/0" COLUMNS="203" LINES="43"]
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Deskt
op/ASsignment1\033[00m$ ps
  PID TTY          TIME CMD
  7812 pts/1        00:00:00 bash
  7826 pts/1        00:00:00 ps
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Deskt
op/ASsignment1\033[00m$ firefox &
[1] 7827
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Deskt
op/ASsignment1\033[00m$ ps
  PID TTY          TIME CMD
  7812 pts/1        00:00:00 bash
  7827 pts/1        00:00:16 MainThread
  7943 pts/1        00:00:02 Privileged Cont
  7995 pts/1        00:00:02 Web Content
  8023 pts/1        00:00:01 WebExtensions
  8065 pts/1        00:00:01 Web Content
  8122 pts/1        00:00:00 ps
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Deskt
op/ASsignment1\033[00m$ li\033[K\033[K\033[K\033[Kkill 7827 7943 7995 8023 8065
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Deskt
op/ASsignment1\033[00m$ ps
  PID TTY          TIME CMD
  7812 pts/1        00:00:00 bash
  8139 pts/1        00:00:00 ps
[1]+  Terminated                  firefox
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Deskt
op/ASsignment1\033[00m$ exit

Script done on 2020-09-19 11:18:46+05:30 [COMMAND_EXIT_CODE="0"]
```

ln.txt Sun Sep 20 08:54:54 2020 1

Script started on 2020-09-19 11:24:58+05:30 [TERM="xterm-256color" TTY="/dev/pts/1" COLUMNS="203" LINES="43"]

\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m\$ cat file1.txt

guru
rohit
abhi
apple
amrita
visakhapatnam
goa
orange

\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m\$ link file1.txt link.txt

\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m\$ cat link.txt

guru
rohit
abhi
apple
amrita
visakhapatnam
goa
orange

\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m\$ exit

Script done on 2020-09-19 11:25:41+05:30 [COMMAND_EXIT_CODE="0"]

ls.txt Sun Sep 20 08:54:54 2020 1

Script started on 2020-09-19 11:06:35+05:30 [TERM="xterm-256color" TTY="/dev/pts/0" COLUMNS="203" LINES="43"]

\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m\$ ls -lisa

total 76

1048617	4	drwxrwxr-x	2	guru	guru	4096	Sep 19 11:06	\033[0m\033[01;34m.\033[0m
1051535	4	drwxr-xr-x	3	guru	guru	4096	Sep 18 18:27	\033[01;34m..\033[0m
1048658	8	-rw-rw-r--	1	guru	guru	6727	Sep 19 10:13	bash1.txt
1048579	4	-rw-rw-r--	1	guru	guru	1886	Sep 19 10:16	bg1.txt
1048720	8	-rw-rw-r--	1	guru	guru	7138	Sep 19 10:17	cat.txt
1048650	4	-rw-rw-r--	1	guru	guru	1653	Sep 19 10:20	chmod.txt
1048732	4	-rw-rw-r--	1	guru	guru	1284	Sep 19 10:21	chown.txt
1048710	4	-rw-rw-r--	1	saran	guru	97	Sep 19 10:13	code
1048724	4	-rw-rw-r--	1	guru	guru	1728	Sep 19 10:23	ddd.txt
1048621	4	-rw-rw-r--	1	guru	guru	3060	Sep 19 10:25	df.txt
1048733	4	-rw-rw-r--	1	guru	guru	894	Sep 19 10:35	diff.txt
1048726	4	-rw-rw-r--	1	guru	guru	539	Sep 19 10:26	du.txt
1048703	4	-rw-rw-r--	1	guru	guru	800	Sep 19 11:04	emacs.txt
1048657	4	-rw-rw-r--	1	guru	guru	3482	Sep 19 10:50	env.txt
1048716	4	-rw-rw-r--	1	guru	guru	1321	Sep 19 10:58	fg.txt
1048689	4	-rw-rw-r--	1	guru	guru	56	Sep 19 10:30	file1.txt
1048741	4	-rw-rw-r--	1	guru	guru	46	Sep 19 10:31	file2.txt
1048717	0	-rw-rw-r--	1	guru	guru	0	Sep 19 11:06	ls.txt

\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m\$ exit

Script done on 2020-09-19 11:06:49+05:30 [COMMAND_EXIT_CODE="0"]

```
Script started on 2020-09-19 14:08:20+05:30 [TERM="xterm-256color" TTY="/dev/pts/0" COLUMNS="80" LINES="24"]
```

[illegible]

\033[4G\033[33m\033[40mGoogle

\033[32m\033[40m_

```
\033[4GGoogle Search\033[37m\033[40m  \033[32m\033[40mI'm Feeling Lucky\033[37m\033[40m
\033[32m\033[40mAdvanced search
```

\033[4G\033[37m\033[40mGoogle offered in: \033[32m\033[40mà¹àµžà""à¥\215àµ;à¥\200\033[37m\033[40m \033[32m\033[40màì¬àì¼àì²àì¼\033[37m\033[40m \033[32m\033[40mà°ªà±\206à°²à±\201à°\227à±\201\033[37m\033[40m \033[32m\033[40mà®àµ°àµ¼àµ à¥\200\033[37m\033[40m \033[32m\033[40mà®àµ®à®à¿à®`à`\215\033[37m\033[40m \033[32m\033[40màª\227à«\201àª\234àª°àª¾àªªà«\200\033[37m\033[40m \033[32m\033[40mà²\225à²``à³\215à²``à²;\033[37m\033[40m \033[32m\033[40mà'®à´²à´¬à´¼à´³à´\202
\\033[4Ga´´à©à´à´\234à´¾à´¬à©\200

[illegible]

```
\033[37m\033[40m$003;gUk0B3H3A;49m\0B3;Bt0p3A33303m2A;1H0033033000;32m3v2300p0ntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m$ exit
```

Script done on 2020-09-19 14:08:48+05:30 [COMMAND_EXIT_CODE="0"]

```
Script started on 2020-09-19 14:19:55+05:30 [TERM="xterm-256color" TTY="/dev/pts/2" COLUMNS="203" LINES="45"]
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m$ make hello
cc      hello.c      -o hello
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m$ cc hello.c -o hello
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m$ ./hello
Hello, World!\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m$ exit

Script done on 2020-09-19 14:20:18+05:30 [COMMAND_EXIT_CODE="0"]
```


nohup.txt

Sun Sep 20 08:54:54 2020

1

Script started on 2020-09-19 14:06:45+05:30 [TERM="xterm-256color" TTY="/dev/pts/0" COLUMNS="203" LINES="45"]

\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m\$ n\033[Kohup cat fl\033[K\033[Kile1.txt

nohup: ignoring input and appending output to 'nohup.out'

\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m\$ cat nohup.out

guru

rohit

abhi

apple

amrita

visakhapatnam

goa

orange

\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m\$ exit

Script done on 2020-09-19 14:07:25+05:30 [COMMAND_EXIT_CODE="0"]

od.txt Sun Sep 20 08:54:54 2020 1

Script started on 2020-09-19 11:43:54+05:30 [TERM="xterm-256color" TTY="/dev/pts/1" COLUMNS="203" LINES="43"]

\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m\$ cat file2.txt

abhi
vizag
orange
apple
Andhra pradesh
Delhi

\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m\$ od file2.txt

0000000 061141 064550 073012 075151 063541 067412 060562 063556
0000020 005145 070141 066160 005145 067101 064144 060562 070040
0000040 060562 062544 064163 042012 066145 064550 005012
0000056

\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m\$ exit

Script done on 2020-09-19 11:44:09+05:30 [COMMAND_EXIT_CODE="0"]

ps.txt **Sun Sep 20 08:54:54 2020** **1**

```
Script started on 2020-09-19 14:16:14+05:30 [TERM="xterm-256color" TTY="/dev/pts/0" COLUMNS="203" LINES="45"]
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m$ ps
  PID TTY          TIME CMD
  22072 pts/1    00:00:00 bash
  22080 pts/1    00:00:00 ps
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m$ exit
```

Script done on 2020-09-19 14:16:19+05:30 [COMMAND_EXIT_CODE="0"]

set.txt

Sun Sep 20 08:54:54 2020

1

```
Script started on 2020-09-19 12:43:42+05:30 [TERM="xterm-256color" TTY="/dev/pts/0" COLUMNS="203" LINES="45"]
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Deskt
op/ASsignment1\033[00m$ set | grep USR\033[KER
\033[01;31m\033[KUSER\033[m\033[K=guru
\033[01;31m\033[KUSER\033[m\033[KNAME=guru
    local -a dirs=({BASH_COMPLETION_\033[01;31m\033[KUSER\033[m\033[K_DIR:-${XDG_DATA_HOME:-$
HOME/.local/share}/bash-completion}/completions);
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Deskt
op/ASsignment1\033[00m$ exit

Script done on 2020-09-19 12:44:21+05:30 [COMMAND_EXIT_CODE="0"]
```



```
Script started on 2020-09-19 13:21:51+05:30 [TERM="xterm-256color" TTY="/dev/pts/1" COLUMNS="203" LINES="43"]
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m$ c\033[K\033[Kcat g\033[Khell\007o.c\033[K
#include <stdio.h>
int main() {
    printf("Hello, World!");
    return 0;
}
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m$ sloccount hello.c
Have a non-directory at the top, so creating directory top_dir
Adding /home/guru/Desktop/ASsignment1/hello.c to top_dir
Categorizing files.
Finding a working MD5 command....
Found a working MD5 command.
Computing results.
```

SLOC	Directory	SLOC-by-Language (Sorted)
5	top_dir	ansic=5

Totals grouped by language (dominant language first):
 ansic: 5 (100.00%)

```
Total Physical Source Lines of Code (SLOC) = 5
Development Effort Estimate, Person-Years (Person-Months) = 0.00 (0.01)
  (Basic COCOMO model, Person-Months = 2.4 * (KSLOC**1.05))
Schedule Estimate, Years (Months) = 0.04 (0.42)
  (Basic COCOMO model, Months = 2.5 * (person-months**0.38))
Estimated Average Number of Developers (Effort/Schedule) = 0.02
Total Estimated Cost to Develop = $ 104
  (average salary = $56,286/year, overhead = 2.40).
SLOCCount, Copyright (C) 2001-2004 David A. Wheeler
SLOCCount is Open Source Software/Free Software, licensed under the GNU GPL.
SLOCCount comes with ABSOLUTELY NO WARRANTY, and you are welcome to
redistribute it under certain conditions as specified by the GNU GPL license;
see the documentation for details.
Please credit this data as "generated using David A. Wheeler's 'SLOCCount'."
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m$ exit
```

Script done on 2020-09-19 13:22:27+05:30 [COMMAND_EXIT_CODE="0"]

source.txt **Sun Sep 20 08:54:54 2020** **1**

Script started on 2020-09-19 11:48:40+05:30 [TERM="xterm-256color" TTY="/dev/pts/1" COLUMNS="203" LINES="43"]

\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m\$ cl\033[K\033[K\033[K\007cat code1
echo "Iam Guru saran"

cat file1.txt
grep -n apple file1.txt

\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m\$ source code1

Iam Guru saran

guru
rohit
abhi
apple
amrita
visakhapatnam
goa
orange

\033[32m\033[K4\033[m\033[K\033[36m\033[K:\033[m\033[K\033[01;31m\033[Kapple\033[m\033[K
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m\$ exit

Script done on 2020-09-19 11:50:03+05:30 [COMMAND_EXIT_CODE="0"]

```
time.txt      Sun Sep 20 08:54:54 2020      1
```

```
Script started on 2020-09-19 12:08:42+05:30 [TERM="xterm-256color" TTY="/dev/pts/4" COLUMNS="203" LINES="43"]
```

```
\033[0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m$ time grep cà033[K033[Kguru\033[K033[K033[Koa file1.txt
\033[01;31m\033[Kgoa\033[m\033[K
```

```
real      0m0.003s
```

```
user      0m0.003s
```

```
sys      0m0.000s
```

```
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Deskt
op/ASsignment1\033[00m$ exit
```

Script done on 2020-09-19 12:09:38+05:30 [COMMAND_EXIT_CODE="0"]


```
Script started on 2020-09-19 12:01:12+05:30 [TERM="xterm-256color" TTY="/dev/pts/4" COLUMNS="203" LINES="43"]
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m$ umask 1\033[K27
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m$ touch test
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m$ ls -l test
-rw-r----- 1 guru guru 0 Sep 19 12:02 test
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m$ \007exit
```

```
Script done on 2020-09-19 12:04:00+05:30 [COMMAND_EXIT_CODE="0"]
```

wget.txt Sun Sep 20 08:54:54 2020 1

```
Script started on 2020-09-19 12:14:11+05:30 [TERM="xterm-256color" TTY="/dev/pts/4" COLUMNS="203" LINES="43"]
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m$ w\033[K\033[Kwget https://www.amrita.edu/
--2020-09-19 12:14:25-- https://www.amrita.edu/
Resolving www.amrita.edu (www.amrita.edu)... 103.10.24.196
Connecting to www.amrita.edu (www.amrita.edu)|103.10.24.196|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: â\200\230index.html.1â\200\231
```

```
index.html.1          [ <=>                                ]      0  --.-KB/s
index.html.1          [ <=>                                ] 77.80K  --.-KB/s
      in 0.1s
```

2020-09-19 12:14:27 (767 KB/s) - â\200\230index.html.1â\200\231 saved [79665]

```
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m$ exit
```

Script done on 2020-09-19 12:14:34+05:30 [COMMAND_EXIT_CODE="0"]

w.txt Sun Sep 20 08:54:54 2020 1

```
Script started on 2020-09-19 12:11:39+05:30 [TERM="xterm-256color" TTY="/dev/pts/4" COLUMNS="203" LINES="43"]
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m$ w
 12:11:49 up  2:06,  1 user,   load average: 0.02, 0.08, 0.08
USER      TTY      FROM          LOGIN@   IDLE   JCPU   PCPU WHAT
guru      :0        :0            10:07    ?xdm?  13:05   0.04s /usr/lib/gdm3/gdm-x-session --run-script env GNOME_SHELL_SESSION_MODE=ubuntu /usr/bin/gnome-session --systemd --session=ubuntu
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m$ w -h
guru      :0        :0            10:07    ?xdm?  13:05   0.04s /usr/lib/gdm3/gdm-x-session --run-script env GNOME_SHELL_SESSION_MODE=ubuntu /usr/bin/gnome-session --systemd --session=ubuntu
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m$ w -o
 12:12:17 up  2:06,  1 user,   load average: 0.01, 0.07, 0.08
USER      TTY      FROM          LOGIN@   IDLE   JCPU   PCPU WHAT
guru      :0        :0            10:07    ?xdm?  13:07m   /usr/lib/gdm3/gdm-x-session --run-script env GNOME_SHELL_SESSION_MODE=ubuntu /usr/bin/gnome-session --systemd --session=ubuntu
\033]0;guru@ubuntu: ~/Desktop/ASsignment1\007\033[01;32mguru@ubuntu\033[00m:\033[01;34m~/Desktop/ASsignment1\033[00m$ exit

Script done on 2020-09-19 12:12:25+05:30 [COMMAND_EXIT_CODE="0"]
```