

1. Script your file with filename that has your name

```
[hadoop@fedora ~]$ script saniya
Script started, output log file is 'saniya'.
[hadoop@fedora ~]$ echo helloworld
helloworld
[hadoop@fedora ~]$ mkdir sb
[hadoop@fedora ~]$ echo cat bat mat
cat bat mat
[hadoop@fedora ~]$ exit
exit
Script done.
[hadoop@fedora ~]$
```

2. save the calender of the year 2024 in the file cal24

```
[hadoop@fedora ~]$ cal 2024 > cal24.txt
```

3. save your last 5 commands in file hist.txt

```
[hadoop@fedora ~]$ history | tail -n 5 | cat > hist.txt
```

4. add first 6 commands from history to this filename

```
[hadoop@fedora ~]$ history | head -n 6 | cat >> hist.txt
```

5. Create file named input.txt with the following content using the echo commands

Welcome to Unix Course

Unix is an operating system

Linux is a flavour of Unix and is freely available

```
[hadoop@fedora ~]$ echo -e "Welcome to Unix Course \n Unix is an operating system \n Linux is a
flavour of unix and is freely available" | cat > input.txt
```

6. Save todays date in file cmd.txt without erasing the content of cmd.txt

```
[hadoop@fedora ~]$ date | cat >> cmd.txt
```

7. save the list of user names in file user.txt

```
[hadoop@fedora ~]$ users | cat > user.txt
```

8. Save the list of currently logged in users in file user_cr.txt

```
[hadoop@fedora ~]$ who | cat > user_cr.txt
```

9. find out how long cpu was idle

10. display the whole calendar for the current year → [hadoop@fedora ~]\$ cal -y

11. create a file that contains sequences up to n numbers, (n is an initialized variable)

12. display the following formatted output

Bold → [hadoop@fedora ~]\$ tput bold

color → [hadoop@fedora ~]\$ tput setaf 9

```
[hadoop@fedora ~]$ tput setab 2
```

13. using command bc, calculate the values of the following expressions

a. $(1456+234)/45$

```
[hadoop@fedora ~]$ bc
```

```
bc 1.07.1
```

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```
(1456+234)/45
```

```
37
```

b. Assign value 10 to var X, then increment by 1, Display the value after increment

```
x=10
```

```
x=x+1
```

```
x
```

```
1
```

c. X=10, Y=20 compare values of X and Y and display the result