

NETWORKING & SYSTEM ADMINISTRATION LAB**Name:** ATHUL VINAYAKUMAR**Roll No:**5**Batch:**MCA B**Date:**26/03/2021**Experiment No.: 2****Aim**

Familiarization of Linux commands.

Procedure

1. **\$cat -n filename.txt:** This command is used to number each lines in a file.

Output:

```
amil@LAPTOP-670EQ8TN MINGW64 ~  
$ cat -n text1  
 1 hello world  
 2 welcome to coding  
 3 c++  
 4  
 5 java  
 6 python  
 7 android  
 8 sql  
 9  
10  
11 ruby
```

2. **\$cat -b filename.txt:** This command is used to remove empty lines

Output:

```
amil@LAPTOP-670EQ8TN MINGW64 ~  
$ cat -b text1  
 1 hello world  
 2 welcome to coding  
 3 c++  
  
 4 java  
 5 python  
 6 android  
 7 sql  
  
 8 ruby
```

3. **\$touch filename.txt:** This command is used to create empty files

Output:

```
amil@LAPTOP-670EQ8TN MINGW64 ~  
$ touch text1
```

4. **\$echo //contents// >>text1.txt:** it is used to add contents to an empty file.

Output:

```
amil@LAPTOP-670EQ8TN MINGW64 ~  
$ echo hello programming world >>text1
```

5. **\$head filename.txt:** It is used to display 10 lines from the top

Output:

```
amil@LAPTOP-670EQ8TN MINGW64 ~  
$ head text1  
hello world  
welcome to coding  
c++  
  
java  
python  
android  
sql
```

6. **\$head -number filename.txt:** It is used to display specific number of lines from top

Output:

```
amil@LAPTOP-670EQ8TN MINGW64 ~  
$ head -4 text1  
hello world  
welcome to coding  
c++
```

7. **\$tail filename.txt:** This command is used to display 10 lines from bottom

Output:

```
amil@LAPTOP-670EQ8TN MINGW64 ~  
$ tail text1  
c++  
  
java  
python  
android  
sql  
  
ruby  
hello programming world
```

8. **\$tail -number filename.txt:** This command is used to display specific number of lines from bottom

Output:

```
amil@LAPTOP-670EQ8TN MINGW64 ~  
$ tail -3 text1  
  
ruby  
hello programming world
```

