

## Experiment 05

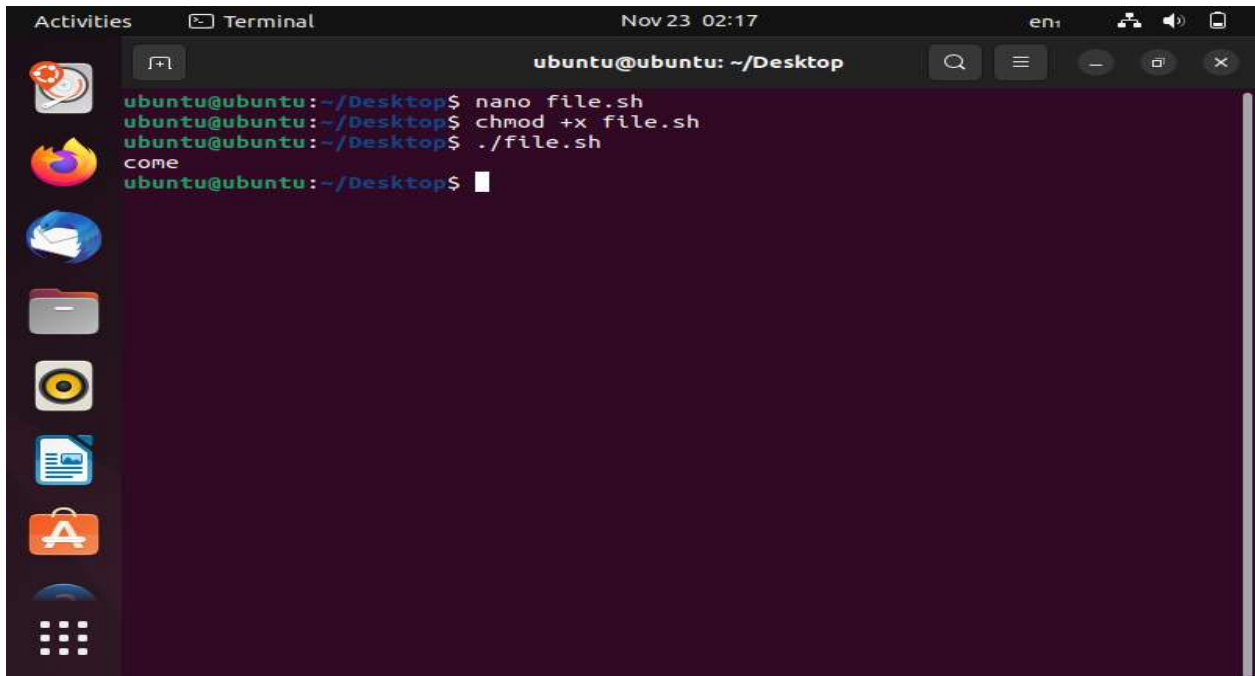
Write a shell script and c program to perform the following string operation

(A) To extract a sub string from a given string

Code:- STR=" WELCOME TO MIET"

Echo \${STR:3:5}

Output :-

A screenshot of a Linux terminal window. The title bar shows 'Activities', 'Terminal', and the date/time 'Nov 23 02:17'. The terminal prompt is 'ubuntu@ubuntu: ~/Desktop'. The user has entered the following commands: 'nano file.sh', 'chmod +x file.sh', and './file.sh'. The output of the script is 'come'. The terminal has a dark purple background and a light blue cursor.

```
ubuntu@ubuntu: ~/Desktop
ubuntu@ubuntu:~/Desktop$ nano file.sh
ubuntu@ubuntu:~/Desktop$ chmod +x file.sh
ubuntu@ubuntu:~/Desktop$ ./file.sh
come
ubuntu@ubuntu:~/Desktop$
```

(B) To find the length of a given string

Code:- STR="this is a string "

N=\${#str}

Echo " Length of the string is : \$n"

Output :-

Activities    Terminal    Nov 23 02:17    en

ubuntu@ubuntu: ~/Desktop

```
ubuntu@ubuntu:~/Desktop$ nano file.sh
ubuntu@ubuntu:~/Desktop$ chmod +x file.sh
ubuntu@ubuntu:~/Desktop$ ./file.sh
come
ubuntu@ubuntu:~/Desktop$
```