

- **To extract a substring from a given string**

```
vaibhav@ubuntu:~$ chmod +x 5a.sh
vaibhav@ubuntu:~$ ./5a.sh
String: We welcome you in Operating System Lab.

Extracting the substring from index 0 upto index 10: We welcome

Extracting the substring from index -3 upto index 4: We welcome you in Operating System Lab.

Extracting the substring from index 10 upto index 24: you in Operating System

vaibhav@ubuntu:~$ gcc 5a.c
vaibhav@ubuntu:~$ ./a.out

Extract a substring from a given string:
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Input the string : VAIBHAV
Input the position to start extraction :1
Input the length of substring :5
The substring retrieve from the string is : " VAIBH
```

- **To find the length of a given string.**

```
vaibhav@ubuntu:~$ chmod +x 5b.sh
vaibhav@ubuntu:~$ ./5b.sh
Length of the string is : 16
vaibhav@ubuntu:~$ gcc 5b.c
vaibhav@ubuntu:~$ ./a.out
Enter the String: VAIBHAV
Length of Str is 7
vaibhav@ubuntu:~$ █
```