



EXPERIMENT 5

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ROLL NO.: 2021A1R156

SUBJECT: OPERATING SYSTEM

SEMESTER: 3rd

COURSE CODE: COM-312

CO-ORDINATER:

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EXPERIMENT 5:

(A) To extract a substring from a given string.

Command: nano file6.sh

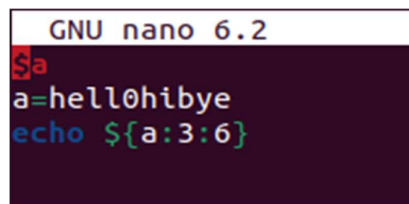
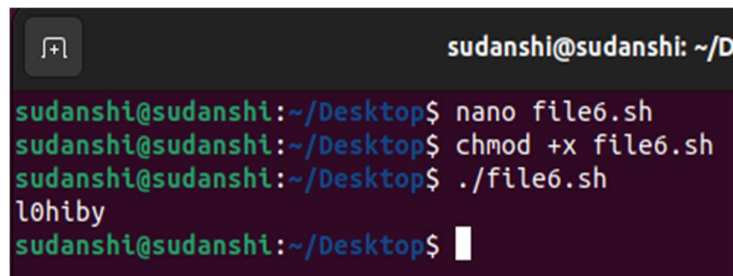
Script: \$var

var= "hellohibye" echo \$var

echo \${var:3:6}

Terminal: chmod +x file6.sh

./file6.sh

A screenshot of the GNU nano 6.2 text editor. The editor shows three lines of code: a red prompt character '\$' followed by 'a', the assignment 'a=hellohibye', and the command 'echo \${a:3:6}'.A screenshot of a terminal window with the prompt 'sudanshi@sudanshi: ~/D'. It shows the execution of the script: 'nano file6.sh' opens the editor, 'chmod +x file6.sh' makes it executable, and './file6.sh' runs the script, outputting 'l0hiby'.

(B) To find the length of a given string.

Command: nano file4.sh

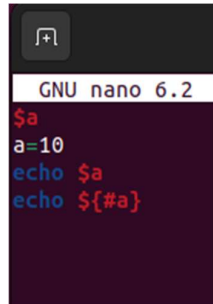
Script: \$var

var= "10" echo "\$var"

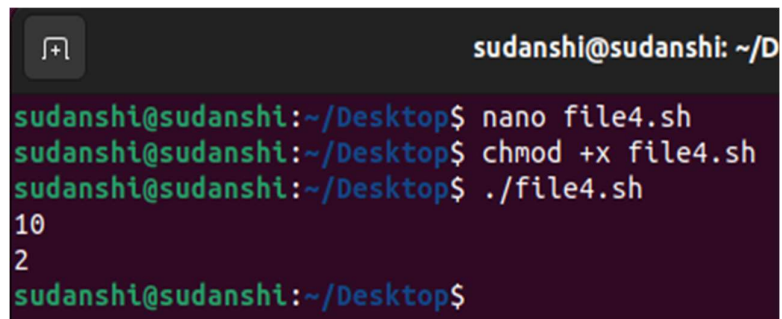
echo \${#var}

Terminal: chmod +x fil4.sh

./file4.sh



```
GNU nano 6.2
$a
a=10
echo $a
echo ${#a}
```



```
sudanshi@sudanshi: ~/D
sudanshi@sudanshi:~/Desktop$ nano file4.sh
sudanshi@sudanshi:~/Desktop$ chmod +x file4.sh
sudanshi@sudanshi:~/Desktop$ ./file4.sh
10
2
sudanshi@sudanshi:~/Desktop$
```