



# **EXPERIMENT 1**

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**CSE SEM 3**

**OPERATING SYSTEM (COM-312)**

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

Command: nano filename.sh

Script: \$var

var= "Hello how are you"

echo \$var

echo \${var:6:7}

Terminal: chmod +x filename

./nameofthefile.sh

```
1 $var
2 var= "Hello How are you"
3 echo $var
4 echo ${var:6:7}
```

```
amandeep@amandeep-VirtualBox:~$ ./filename.sh
Hello How are you
How are
amandeep@amandeep-VirtualBox:~$
```

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

Command: nano filename.sh

Script: \$var

var= "Hello how are you"

echo "\$var"

echo \${#var}

Terminal: chmod +x filename

./nameofthefile.sh

```
1 $var
2 var="Hello How are you"
3 echo "$var"
4 echo ${#var}|
```

```
amandeep@amandeep-VirtualBox:~$ ./filename.sh
Hello How are you
17
```