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Topic : Shell Script

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## Shell variable



```
#!/bin/bash
var1=Infobell
var2=IT
#
echo "$var1 $var2"
```

The screenshot shows a terminal window with a dark background and a Kali Linux logo. The terminal displays the execution of a shell script named 'file1.sh'. The script assigns values to two variables, 'var1' and 'var2', and then uses the 'echo' command to print their values. The output of the script is 'Infobell IT'. The terminal window has a menu bar with 'File', 'Actions', 'Edit', 'View', and 'Help'. The status bar at the bottom shows '1,5' and 'All'.

Ctrl+O

:wq



```
#!/bin/bash
var1=Infobell
var2=IT
#
echo "$var1 $var2"
```

The screenshot shows the same terminal window as before, but now the prompt is ':wq', indicating that the user has pressed Ctrl+O to save and quit the editor. The terminal window has a menu bar with 'File', 'Actions', 'Edit', 'View', and 'Help'. The status bar at the bottom shows '1,5' and 'All'.





















```
kali@kali: ~/Desktop/shell
File Actions Edit View Help

(kali@kali)~[~/Desktop/shell]
$ vi file9.sh
(kali@kali)~[~/Desktop/shell]
$ chmod +x file9.sh
(kali@kali)~[~/Desktop/shell]
$ ./file9.sh
Length of my string is 8
(kali@kali)~[~/Desktop/shell]
$
```

KALI LINUX  
"the quieter you become, the more you are able to hear"

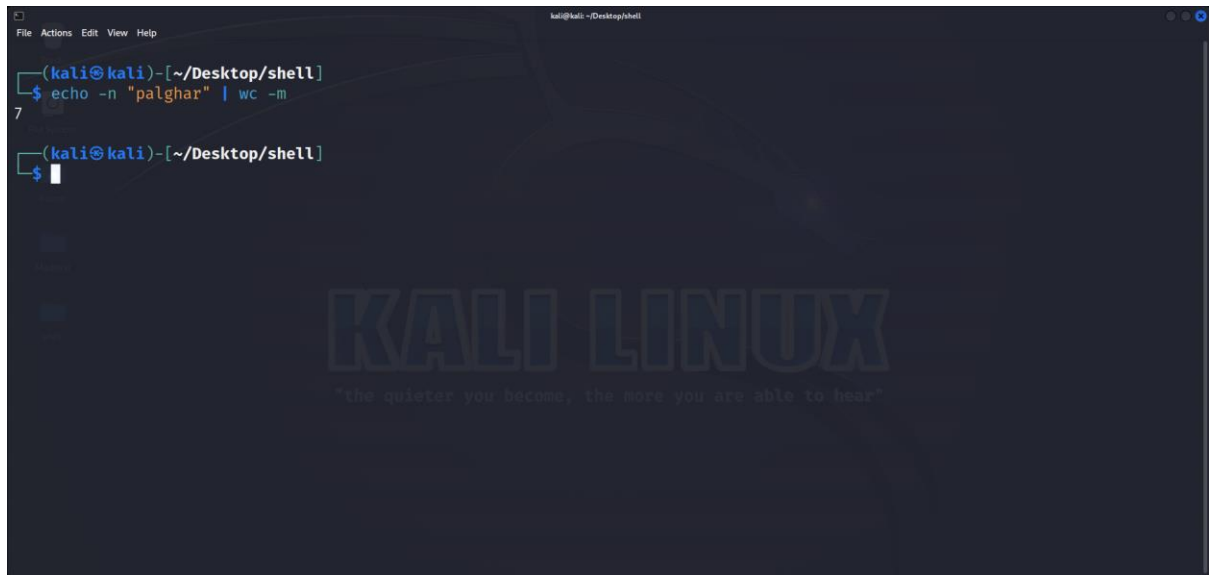
## Use awk to get length of string

```
kali@kali: ~/Desktop/shell
File Actions Edit View Help

(kali@kali)~[~/Desktop/shell]
$ echo "Infobell" | awk '{print length}'
8
(kali@kali)~[~/Desktop/shell]
$
```

KALI LINUX  
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## Using wc command to calculate string length



A terminal window titled "kali@kali: ~/Desktop/shell" with a menu bar (File, Actions, Edit, View, Help). The prompt is "(kali@kali)-[~/Desktop/shell]". The command "echo -n "palghar" | wc -m" is entered and executed, resulting in the output "7". The prompt is then "(kali@kali)-[~/Desktop/shell]" with a new command line starting with a dollar sign and a cursor.

```
(kali@kali)-[~/Desktop/shell]
$ echo -n "palghar" | wc -m
7
(kali@kali)-[~/Desktop/shell]
$
```

KALI LINUX  
"the quieter you become, the more you are able to hear"