

# Input and Output in Linux

## Project description

Using command line to display a text and perform some mathematical calculation in the bash shell

## Generate output with the echo command

The following code demonstrates how I used Linux commands to display a string on the console in the bash shell.

```
analyst@b61ec3cca3c1:~$ echo hello
hello
analyst@b61ec3cca3c1:~$ echo "hello"
hello
analyst@b61ec3cca3c1:~$ echo cybersecurity
cybersecurity
analyst@b61ec3cca3c1:~$
```

The first line of the screenshot displays the command I entered, and the other lines display the output. I used the `echo` command to display a string on the console. The output of my command displayed the output of the input text "hello".

## Generate output with the expr command

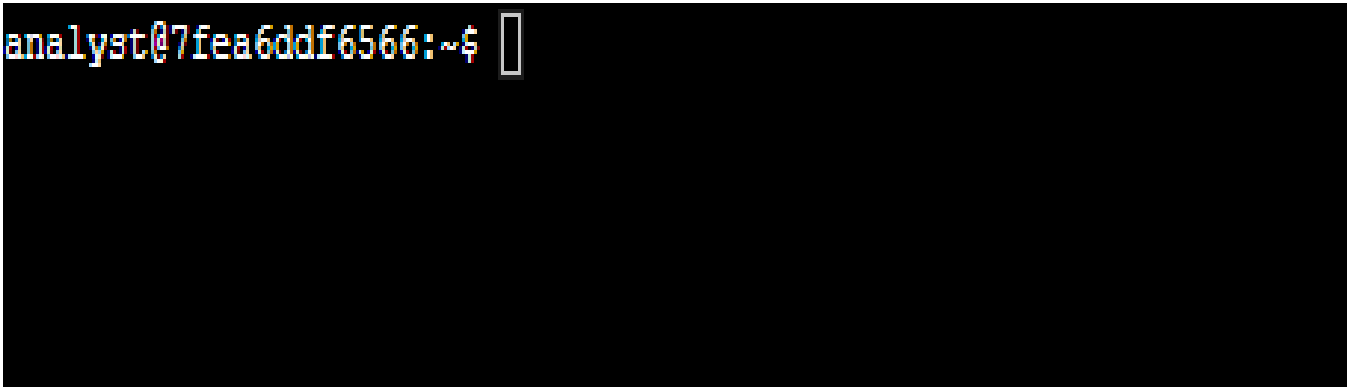
The following code demonstrates how I used Linux commands to perform mathematical calculation in the bash shell.

```
analyst@7fea6ddf6566:~$ expr 32 - 8
24
analyst@7fea6ddf6566:~$ expr 3500 * 12
42000
analyst@7fea6ddf6566:~$
```

The first line of the screenshot displays the command I entered, and the other lines display the output. I used the `expr` commands to perform mathematical calculations. The output of my command displayed an 24 as answer to expression of  $32 - 8$  and 42000 to the expression of  $3500 * 12$ .

## Clear the Bash shell

The following code demonstrates how I used Linux commands to clear all existing output in the bash shell.

A terminal window with a black background. The prompt is 'analyst@7fea6ddf6566:~\$' in a multi-colored font. The word 'clear' is entered in a light blue font. The rest of the terminal area is black, indicating that the previous output has been cleared.

```
analyst@7fea6ddf6566:~$ clear
```

The first line of the screenshot displays the command I entered, and the other lines display the output. I used the `clear` command to erase all existing output in the bash shell. The output of my command indicates the action was successful.