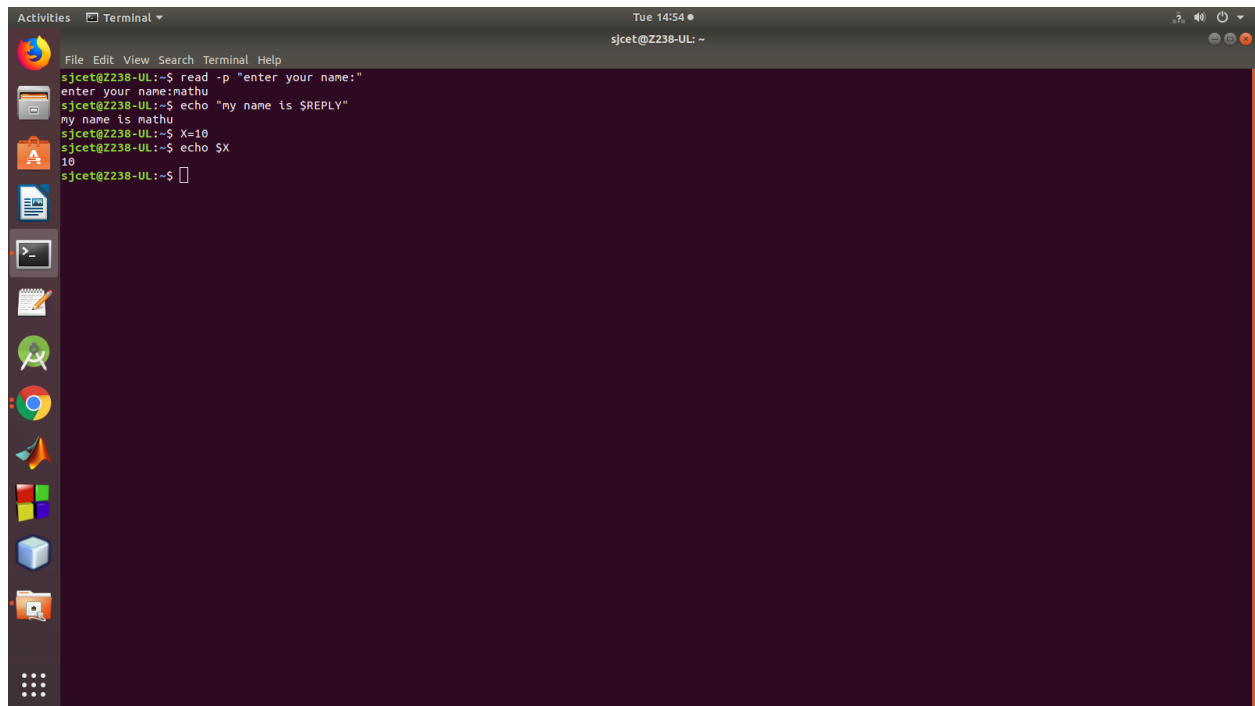


```
sjcet@Z238-UL:~$ read -p "enter your name:"
enter your name:mathu
sjcet@Z238-UL:~$ echo "my name is $REPLY"
my name is mathu
sjcet@Z238-UL:~$ X=10
sjcet@Z238-UL:~$ echo $X
10
sjcet@Z238-UL:~$ ^C
sjcet@Z238-UL:~$ ^C
sjcet@Z238-UL:~$
```

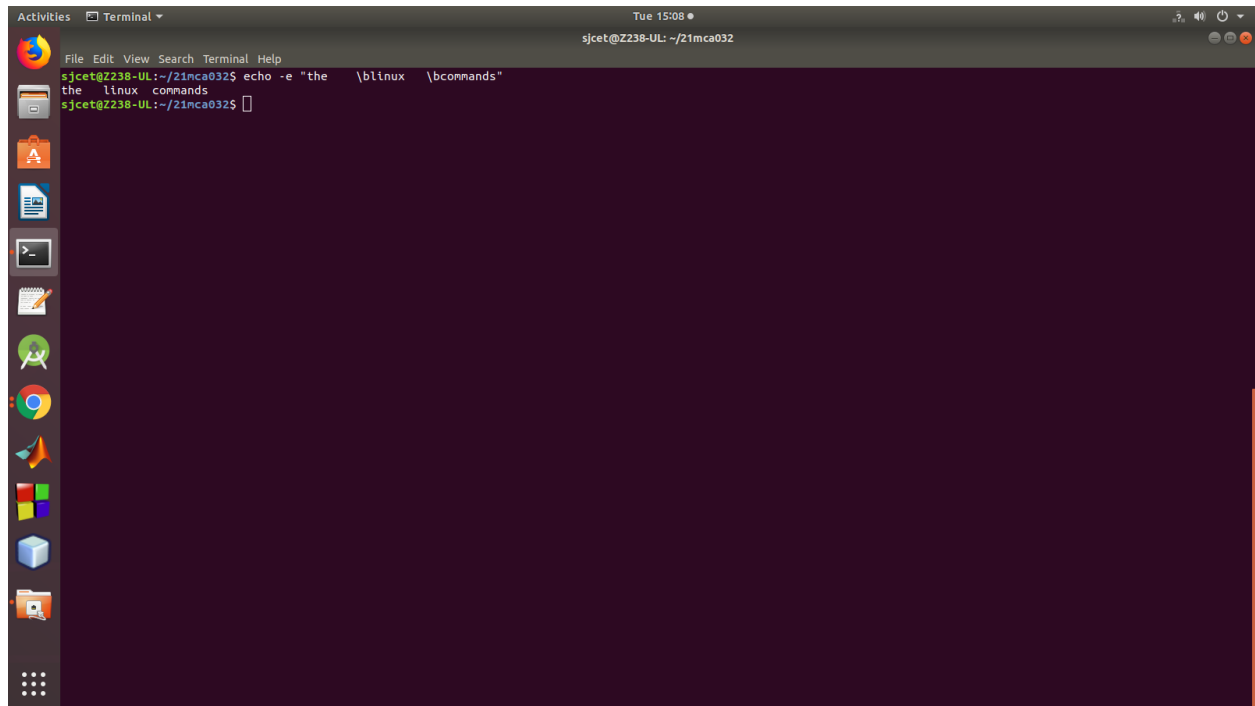


The screenshot shows a terminal window titled "Terminal" with a menu bar containing "File", "Edit", "View", "Search", "Terminal", and "Help". The window displays the following commands and their outputs:

```
sjcet@Z238-UL:~$ read -p "enter your name:"
enter your name:mathu
sjcet@Z238-UL:~$ echo "my name is $REPLY"
my name is mathu
sjcet@Z238-UL:~$ X=10
sjcet@Z238-UL:~$ echo $X
10
sjcet@Z238-UL:~$
```

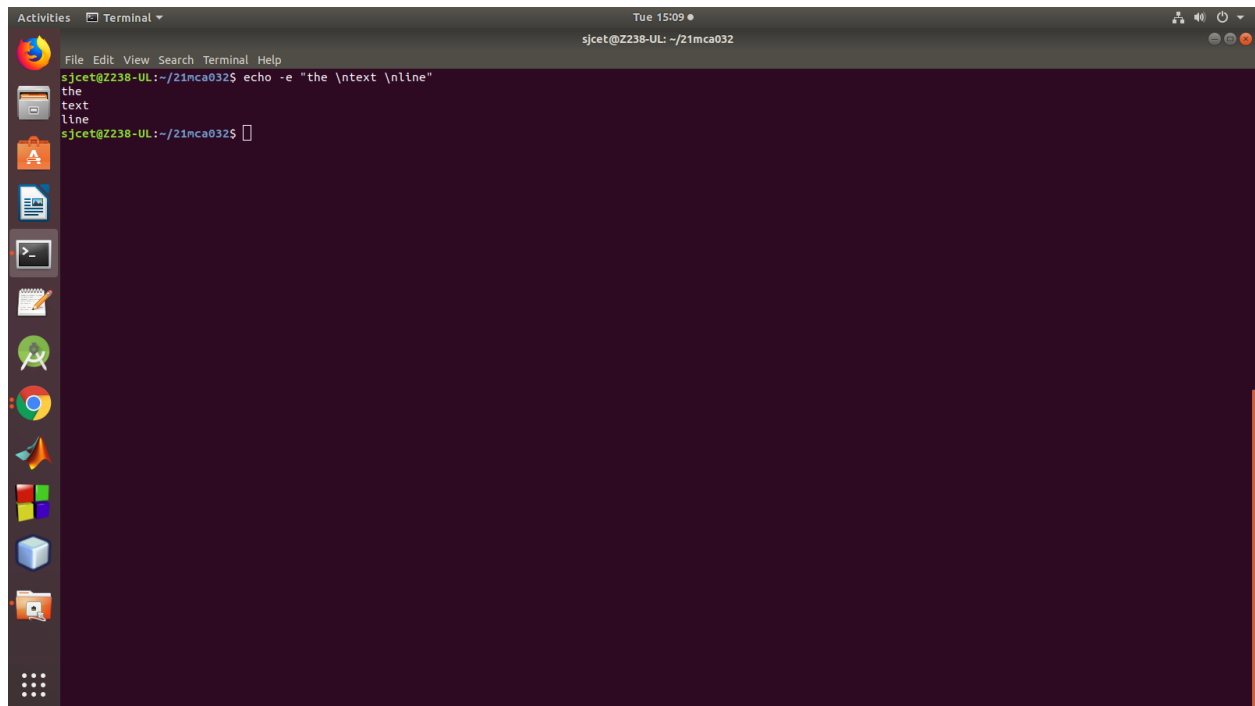
The terminal window is part of a desktop environment, with a sidebar on the left showing various application icons. The top status bar indicates the time as "Tue 14:54" and the user as "sjcet@Z238-UL: ~".

```
sjcet@Z238-UL:~/21mca032$ echo -e "the \blinux \bcommands"  
the linux commands
```



The screenshot shows a terminal window titled "Terminal" with a menu bar containing "File", "Edit", "View", "Search", "Terminal", and "Help". The window title bar also displays "Tue 15:08" and system icons. The terminal content shows the command `sjcet@Z238-UL:~/21mca032$ echo -e "the \blinux \bcommands"` being executed, resulting in the output `the linux commands`. The prompt `sjcet@Z238-UL:~/21mca032$` is visible on the next line. The terminal has a dark purple background. On the left side of the desktop, there is a vertical dock with various application icons including Firefox, Files, LibreOffice Writer, LibreOffice Calc, LibreOffice Impress, LibreOffice Draw, LibreOffice Base, LibreOffice Math, LibreOffice Access, LibreOffice Database, LibreOffice Template, and a grid icon at the bottom.

```
sjcet@Z238-UL:~/21mca032$ echo -e "the \ntext \nline"
the
text
line
```

A screenshot of a Linux terminal window. The window title is "Terminal" and it shows the command prompt "sjcet@Z238-UL:~/21mca032\$". The command "echo -e \"the \\ntext \\nline\"" has been entered and executed. The output of the command is displayed on three separate lines: "the", "text", and "line". The terminal window has a dark background and a light-colored text. The window is part of a desktop environment with a sidebar on the left containing various application icons. The top of the window shows the system clock as "Tue 15:09".

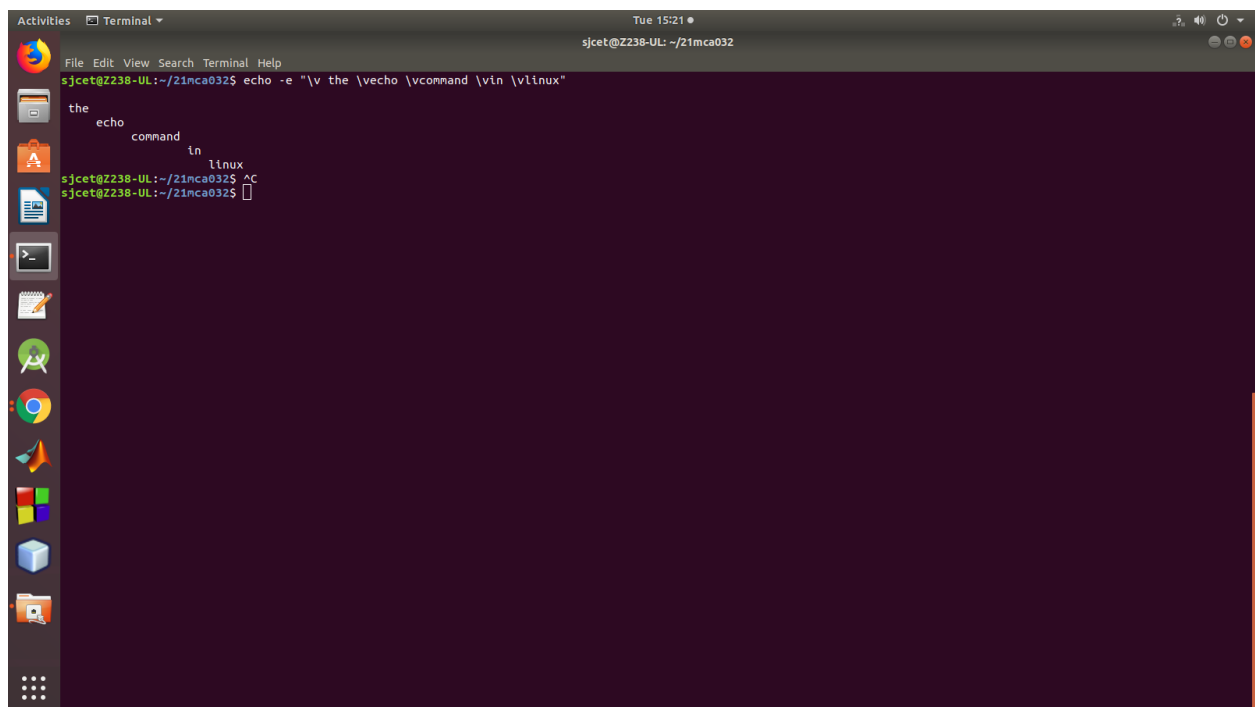
```
File Edit View Search Terminal Help
sjcet@Z238-UL:~/21mca032$ echo -e "the \ntext \nline"
the
text
line
sjcet@Z238-UL:~/21mca032$
```

```
sjcet@Z238-UL:~/21mca032$ echo -e "the \t\tab \tspace"
the      tab      space
```

[illegible]

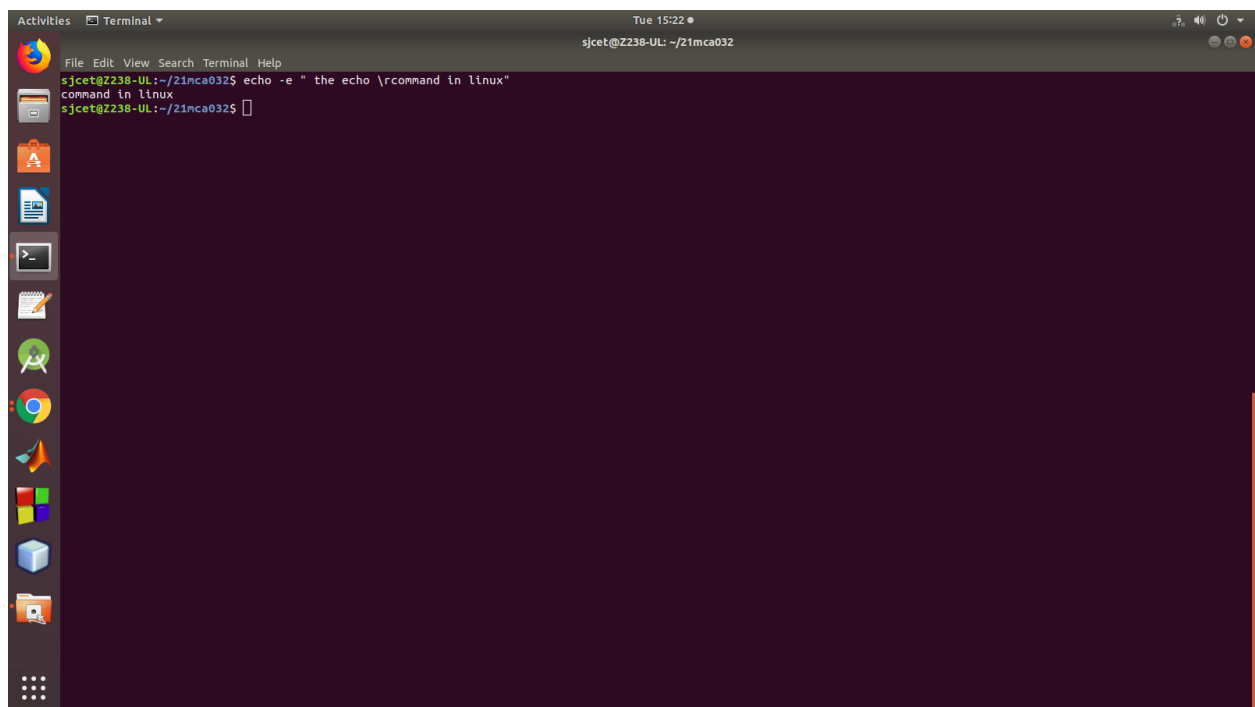
```
sjcet@Z238-UL:~/21mca032$ echo -e "\v the \vecho \vcommand \vin \vlinux"
```

the
echo
command
in
Linux



The screenshot shows a terminal window titled "Terminal" with a menu bar (File, Edit, View, Search, Terminal, Help) and a status bar (Tue 15:21, sjcet@Z238-UL: ~/21mca032). The terminal output displays the command `sjcet@Z238-UL:~/21mca032$ echo -e "\v the \vecho \vcommand \vin \vlinux"` and its result, which is the text "the echo command in linux" where each word is on a new line. The prompt `sjcet@Z238-UL:~/21mca032$` is shown twice, indicating the command was entered and then the prompt returned after execution. A vertical scrollbar is visible on the right side of the terminal window.

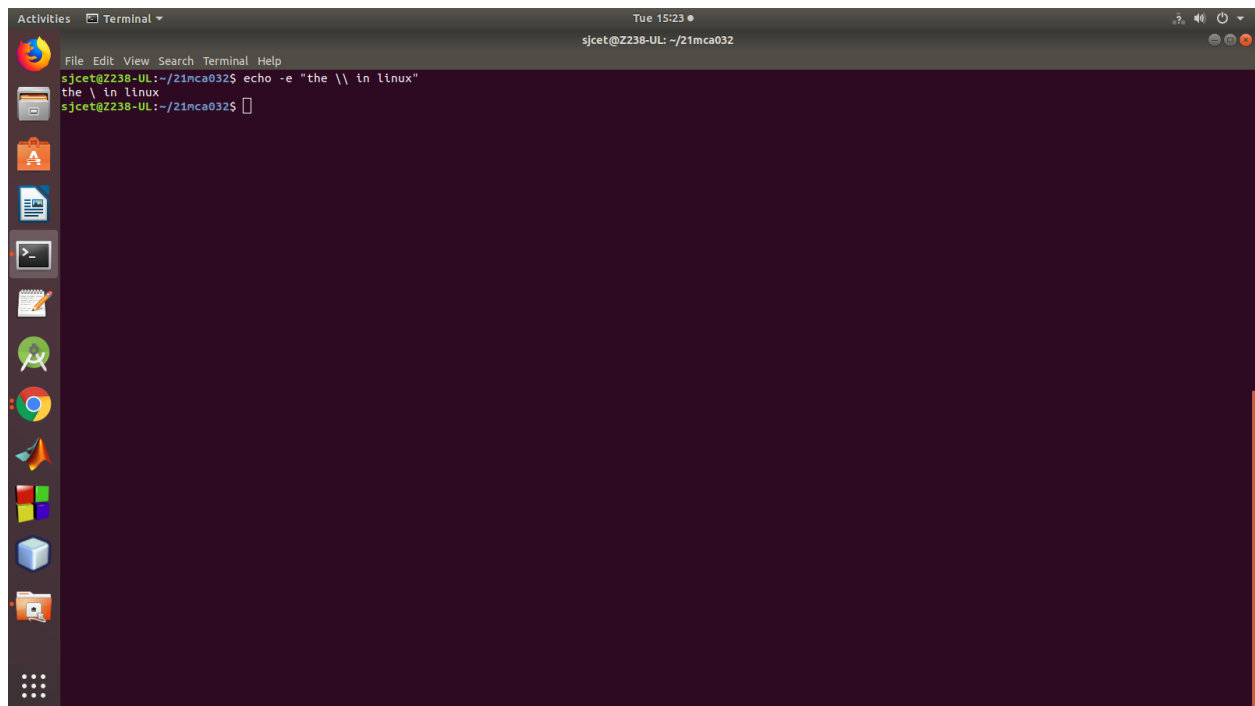
sjcet@Z238-UL:~/21mca032\$ echo -e " the echo \rcommand in linux"
command in linux



The screenshot shows a terminal window titled "Terminal" with a menu bar containing "File", "Edit", "View", "Search", "Terminal", and "Help". The window title bar also displays "Tue 15:22" and system icons. The terminal content shows the user "sjcet" at host "Z238-UL" in directory "~/21mca032" entering the command `echo -e " the echo \rcommand in linux"`. The output is displayed on two lines: "command in linux" followed by "command in linux" on the next line, demonstrating the effect of the carriage return character. The terminal has a dark purple background and a light-colored prompt. A vertical dock on the left side of the screen contains various application icons, including the Dash icon, Home icon, Files icon, and several other standard Linux desktop icons.

```
File Edit View Search Terminal Help
sjcet@Z238-UL:~/21mca032$ echo -e " the echo \rcommand in linux"
command in linux
sjcet@Z238-UL:~/21mca032$
```

```
sjcet@Z238-UL:~/21mca032$ echo -e "the \\ in linux"  
the \ in linux
```



The screenshot shows a terminal window titled "Terminal" with a menu bar containing "File", "Edit", "View", "Search", "Terminal", and "Help". The terminal output shows the command `sjcet@Z238-UL:~/21mca032$ echo -e "the \\ in linux"` being executed, resulting in the output `the \ in linux`. The terminal window is part of a desktop environment with a sidebar on the left containing various application icons, including a web browser, file manager, and terminal. The top of the window shows the system clock as "Tue 15:23" and the user's session information as "sjcet@Z238-UL: ~/21mca032".

```
Activities  Terminal  Tue 15:23  sjcet@Z238-UL: ~/21mca032  
File Edit View Search Terminal Help  
sjcet@Z238-UL:~/21mca032$ echo -e "the \\ in linux"  
the \ in linux  
sjcet@Z238-UL:~/21mca032$
```

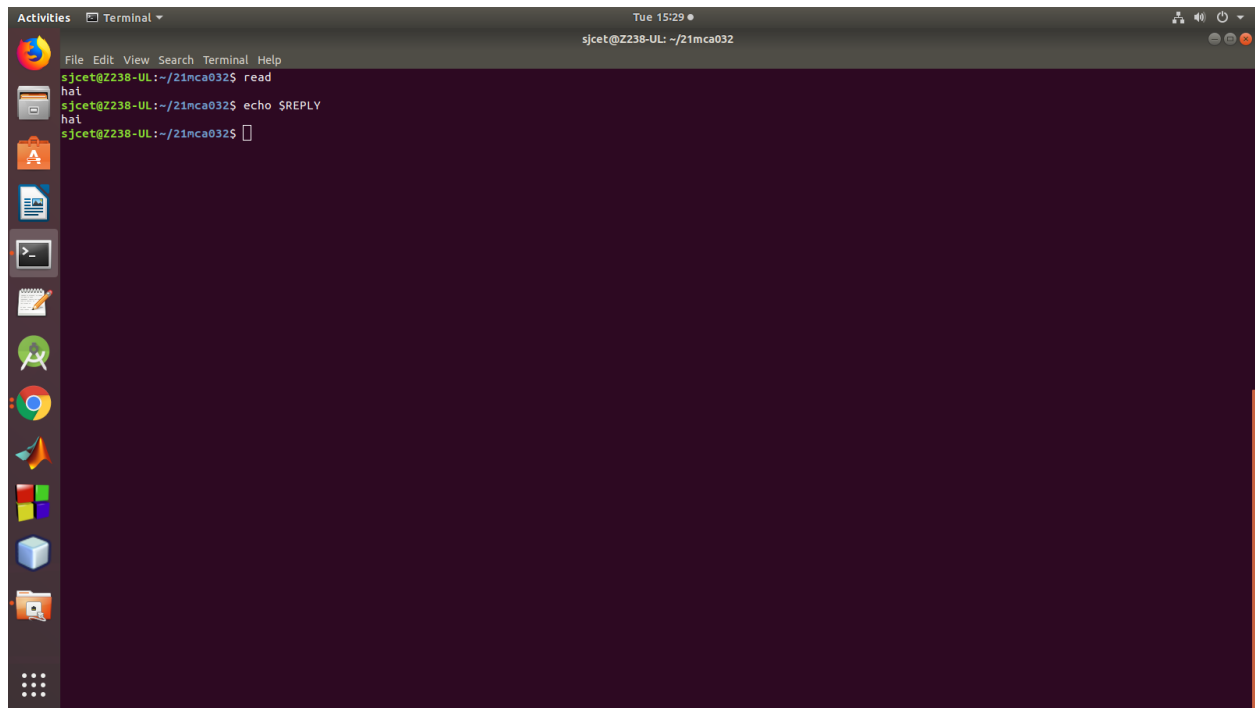
- **Cmd:- read**

```
sjcet@Z238-UL:~/21mca032$ read
```

```
hai
```

```
sjcet@Z238-UL:~/21mca032$ echo $REPLY
```

```
hai
```



The screenshot shows a terminal window titled "Terminal" with a menu bar (File, Edit, View, Search, Terminal, Help) and a status bar (Tue 15:29, sjcet@Z238-UL: ~/21mca032). The terminal output is as follows:

```
sjcet@Z238-UL:~/21mca032$ read
hai
sjcet@Z238-UL:~/21mca032$ echo $REPLY
hai
sjcet@Z238-UL:~/21mca032$
```



```
sjcet@Z238-UL:~/21mca032$ read v1 v2
```

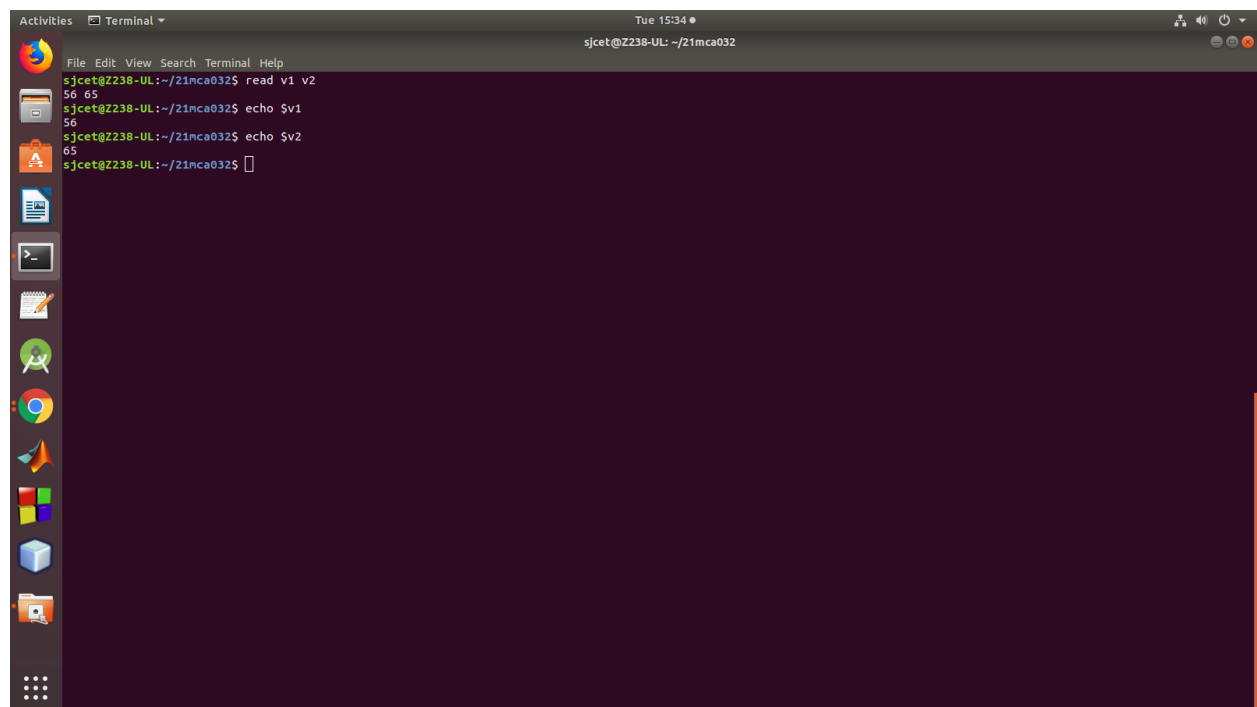
```
56 65
```

```
sjcet@Z238-UL:~/21mca032$ echo $v1
```

```
56
```

```
sjcet@Z238-UL:~/21mca032$ echo $v2
```

```
65
```




The image shows a screenshot of a Linux terminal window. The window title is "Terminal" and it displays the following commands and their output:

```
sjcet@Z238-UL:~/21mca032$ read v1 v2
56 65
sjcet@Z238-UL:~/21mca032$ echo $v1
56
sjcet@Z238-UL:~/21mca032$ echo $v2
65
sjcet@Z238-UL:~/21mca032$
```

The terminal window is part of a desktop environment, with a sidebar on the left containing various application icons. The window's title bar shows the time as "Tue 15:34" and the current directory as "sjcet@Z238-UL: ~/21mca032".

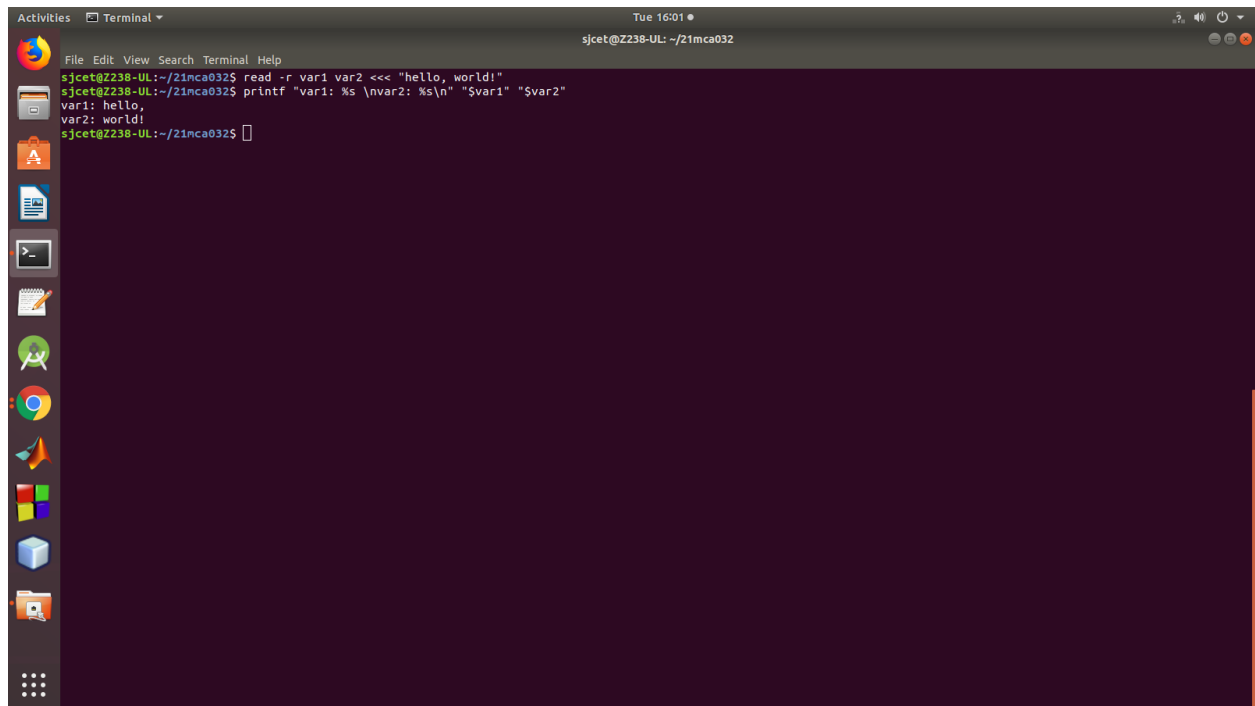
```
sjcet@Z238-UL:~/21mca032$ echo "Hello world" | (read var1 var2; echo $var1; echo $var2)
Hello
world
```



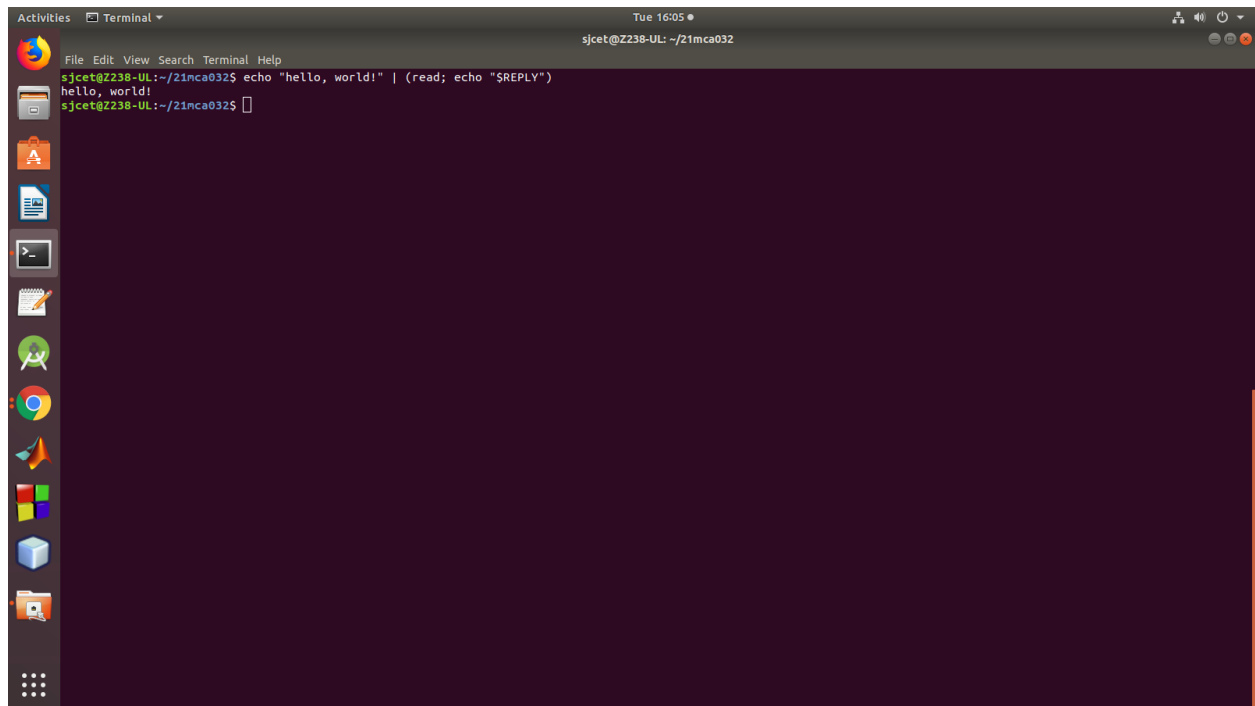
The screenshot displays a Linux desktop with a dark purple background. On the left is a vertical dock containing icons for the Dash application, Firefox, LibreOffice Writer, a terminal, a calendar, a music player, Google Chrome, a presentation viewer, a file manager, and a grid of additional applications. The top of the screen features a panel with 'Activities', 'Terminal', and the system clock showing 'Tue 15:43'. A terminal window is open, showing the command prompt 'sjcet@Z238-UL: ~/21mca032'. The user has entered a shell script: 'echo "Hello world" | (read var1 var2; echo \$var1; echo \$var2)'. The script has executed successfully, outputting 'Hello' on the first line and 'world' on the second line. The prompt now shows the user is ready for the next command.

```
Activities Terminal Tue 15:43 sjcet@Z238-UL: ~/21mca032
File Edit View Search Terminal Help
sjcet@Z238-UL:~/21mca032$ echo "Hello world" | (read var1 var2; echo $var1; echo $var2)
Hello
world
sjcet@Z238-UL:~/21mca032$
```

```
sjcet@Z238-UL:~/21mca032$ read -r var1 var2 <<< "hello, world!"
sjcet@Z238-UL:~/21mca032$ printf "var1: %s \nvar2: %s\n" "$var1" "$var2"
var1: hello,
var2: world!
```

A screenshot of a Linux terminal window. The window has a title bar with 'Activities', 'Terminal', and a dropdown arrow. The top status bar shows 'Tue 16:01' and system icons. The terminal content shows the user 'sjcet' at host 'Z238-UL' in directory '~/21mca032'. The commands and output are: 'read -r var1 var2 <<< "hello, world!"; printf "var1: %s \nvar2: %s\n" "\$var1" "\$var2";' followed by the output 'var1: hello,' and 'var2: world!'. The prompt 'sjcet@Z238-UL:~/21mca032\$' is visible at the bottom. On the left, a vertical dock contains icons for various applications like Firefox, Files, and the Dash. The terminal background is dark purple with a lighter purple grid pattern.

```
sjcet@Z238-UL:~/21mca032$ echo "hello, world!" | (read; echo "$REPLY")  
hello, world!
```



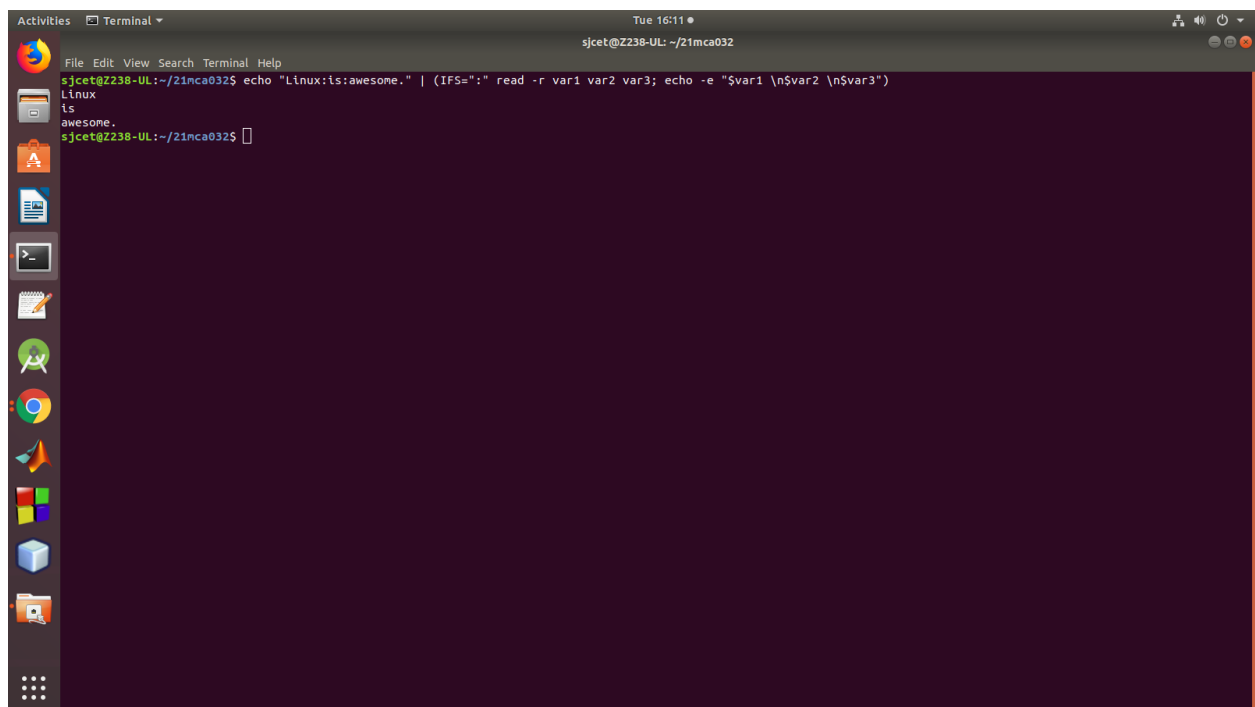
The image shows a screenshot of a Linux terminal window. The window title is "Terminal" and it shows the user "sjcet" at host "Z238-UL" in the directory "~/21mca032". The terminal output shows the command `echo "hello, world!" | (read; echo "$REPLY")` being executed, followed by the output `hello, world!`. The terminal window has a dark background and a light-colored text. The window is part of a desktop environment with a sidebar on the left containing various application icons.

```
Activities Terminal  
Tue 16:05  
sjcet@Z238-UL: ~/21mca032  
File Edit View Search Terminal Help  
sjcet@Z238-UL:~/21mca032$ echo "hello, world!" | (read; echo "$REPLY")  
hello, world!  
sjcet@Z238-UL:~/21mca032$
```

```
sjcet@Z238-UL:~/21mca032$ echo "linux is awesome." | (read var1 var2; echo -e "var1:
$var1 \nvar2: $var2")
var1: linux
var2: is awesome.
```

[illegible]

```
sjcet@Z238-UL:~/21mca032$ echo "Linux:is:awesome." | (IFS=":" read -r var1 var2  
var3; echo -e "$var1 \n$var2 \n$var3")  
Linux  
is  
awesome.
```



The screenshot shows a terminal window titled "Terminal" with a menu bar (File, Edit, View, Search, Terminal, Help) and a status bar (Tue 16:11, sjcet@Z238-UL: ~/21mca032). The terminal displays the command: `sjcet@Z238-UL:~/21mca032$ echo "Linux:is:awesome." | (IFS=":" read -r var1 var2 var3; echo -e "$var1 \n$var2 \n$var3")`. The output of the command is: `Linux`, `is`, and `awesome.` on three separate lines. The terminal has a dark purple background and a light blue prompt. A vertical dock on the left side of the window contains various application icons.