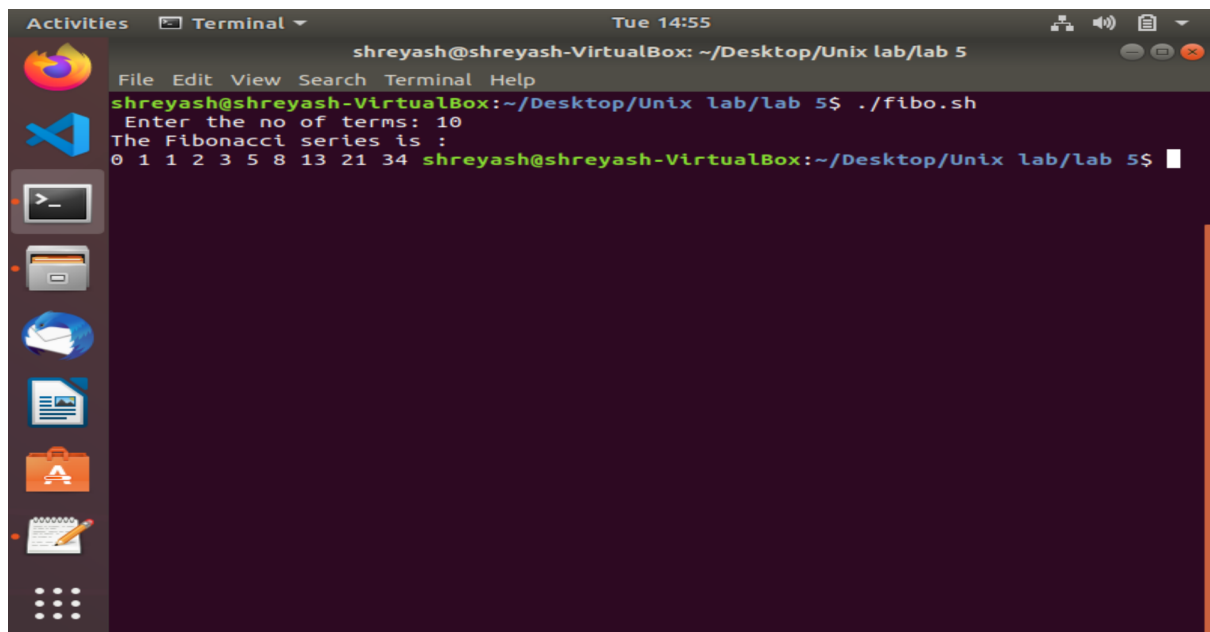


lab 5

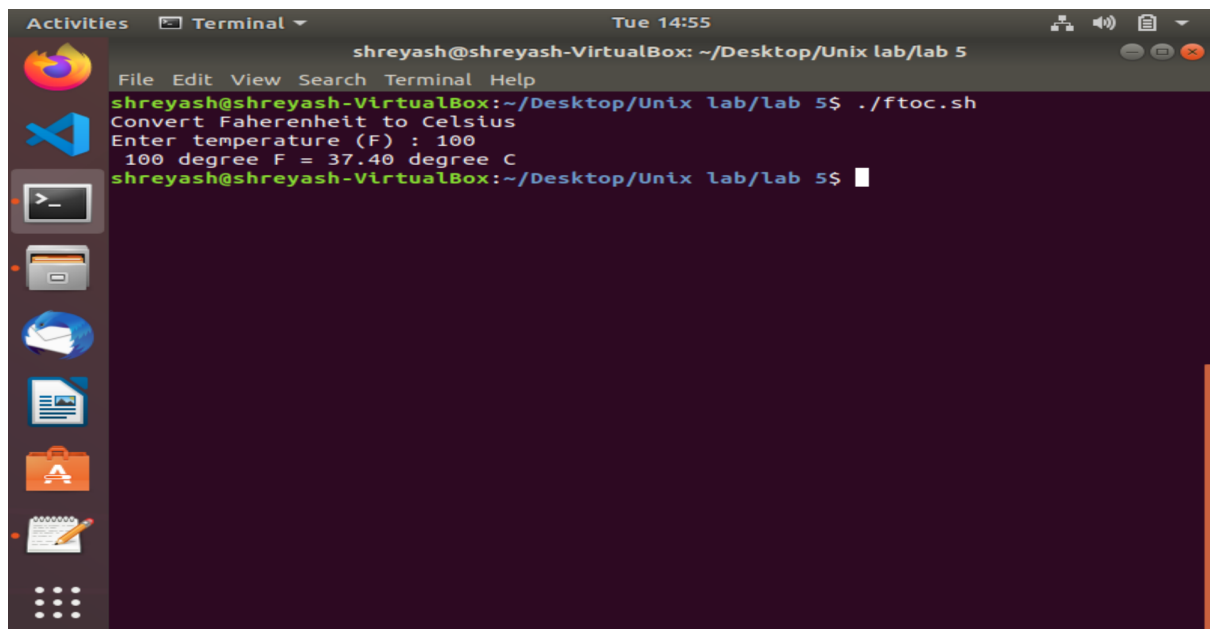
🕒 Date	@Nov 3, 2020 2:10 PM
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🔗 link	

1. Write a Shell Script to find Fibonacci Series Upto N using While loop Construct (Eg 7 0 1 1 2 3 5 8)



```
Activities  Terminal  Tue 14:55
shreyash@shreyash-VirtualBox: ~/Desktop/Unix lab/lab 5
File Edit View Search Terminal Help
shreyash@shreyash-VirtualBox:~/Desktop/Unix lab/lab 5$ ./fibonacci.sh
Enter the no of terms: 10
The Fibonacci series is :
0 1 1 2 3 5 8 13 21 34 shreyash@shreyash-VirtualBox:~/Desktop/Unix lab/lab 5$
```

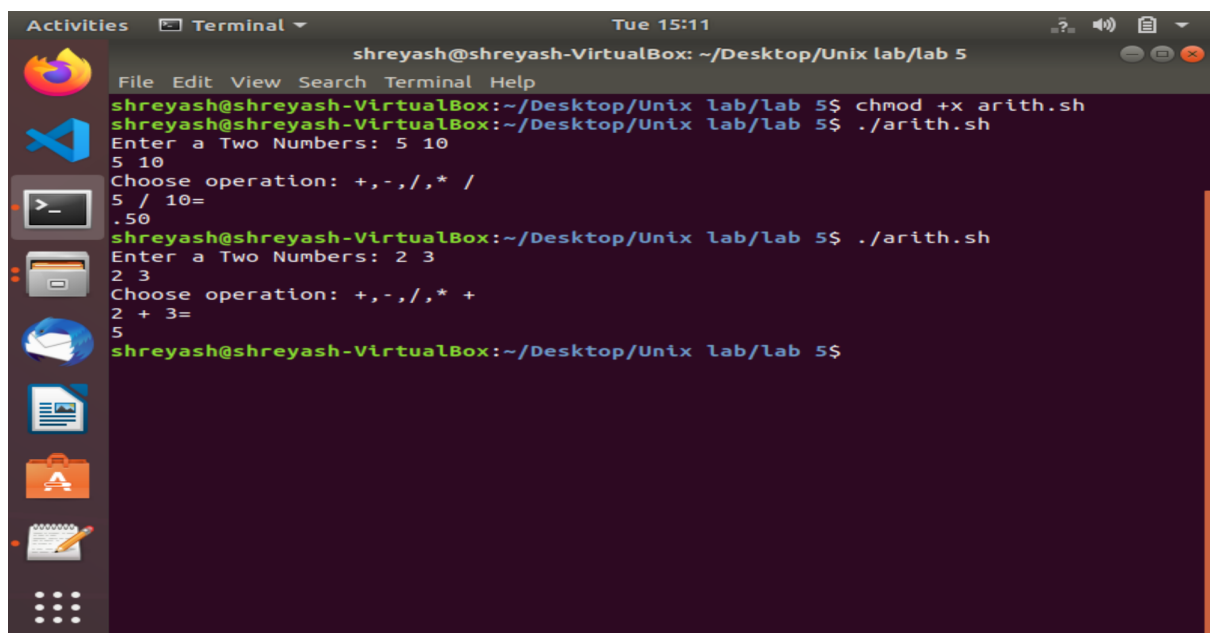
2. Write a Shell Script to convert the Temperatures FAHERENHEIT to Celsius
(f -32) *5 /9



A terminal window titled "shreyash@shreyash-VirtualBox: ~/Desktop/Unix lab/lab 5" showing the execution of a script. The prompt is `shreyash@shreyash-VirtualBox:~/Desktop/Unix lab/lab 5$./ftoc.sh`. The script output is: `Convert Faherenheit to Celsius`, `Enter temperature (F) : 100`, and `100 degree F = 37.40 degree C`. The prompt returns to `shreyash@shreyash-VirtualBox:~/Desktop/Unix lab/lab 5$`. The terminal interface includes a menu bar (File, Edit, View, Search, Terminal, Help) and a sidebar with application icons.

```
shreyash@shreyash-VirtualBox: ~/Desktop/Unix lab/lab 5
File Edit View Search Terminal Help
shreyash@shreyash-VirtualBox:~/Desktop/Unix lab/lab 5$ ./ftoc.sh
Convert Faherenheit to Celsius
Enter temperature (F) : 100
100 degree F = 37.40 degree C
shreyash@shreyash-VirtualBox:~/Desktop/Unix lab/lab 5$
```

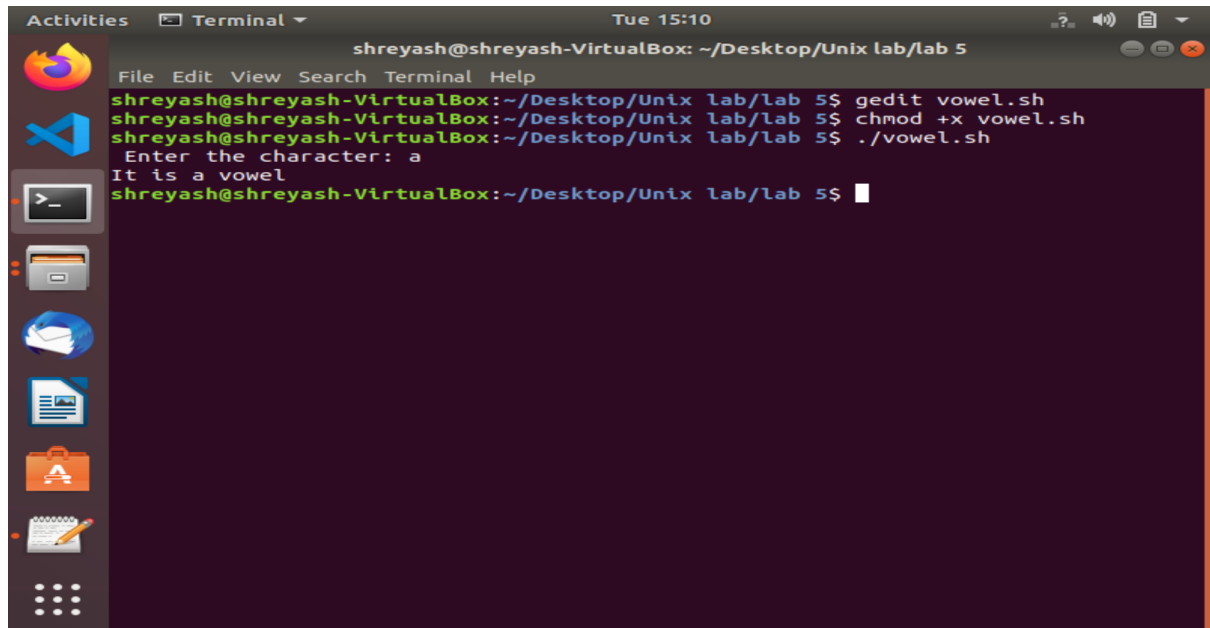
3. Arithmetic Operations on a set of two numbers using case expression



A terminal window titled "shreyash@shreyash-VirtualBox: ~/Desktop/Unix lab/lab 5" showing the execution of a script. The prompt is `shreyash@shreyash-VirtualBox:~/Desktop/Unix lab/lab 5$ chmod +x arith.sh`. The next prompt is `shreyash@shreyash-VirtualBox:~/Desktop/Unix lab/lab 5$./arith.sh`. The script output is: `Enter a Two Numbers: 5 10`, `5 10`, `Choose operation: +,-,/,*, /`, `5 / 10=`, and `.50`. The prompt returns to `shreyash@shreyash-VirtualBox:~/Desktop/Unix lab/lab 5$`. The next prompt is `shreyash@shreyash-VirtualBox:~/Desktop/Unix lab/lab 5$./arith.sh`. The script output is: `Enter a Two Numbers: 2 3`, `2 3`, `Choose operation: +,-,/,*, +`, `2 + 3=`, and `5`. The prompt returns to `shreyash@shreyash-VirtualBox:~/Desktop/Unix lab/lab 5$`. The terminal interface includes a menu bar (File, Edit, View, Search, Terminal, Help) and a sidebar with application icons.

```
shreyash@shreyash-VirtualBox: ~/Desktop/Unix lab/lab 5
File Edit View Search Terminal Help
shreyash@shreyash-VirtualBox:~/Desktop/Unix lab/lab 5$ chmod +x arith.sh
shreyash@shreyash-VirtualBox:~/Desktop/Unix lab/lab 5$ ./arith.sh
Enter a Two Numbers: 5 10
5 10
Choose operation: +,-,/,*, /
5 / 10=
.50
shreyash@shreyash-VirtualBox:~/Desktop/Unix lab/lab 5$ ./arith.sh
Enter a Two Numbers: 2 3
2 3
Choose operation: +,-,/,*, +
2 + 3=
5
shreyash@shreyash-VirtualBox:~/Desktop/Unix lab/lab 5$
```

4. check whether the entered character is Vowel or consonant.



The screenshot shows a terminal window titled "shreyash@shreyash-VirtualBox: ~/Desktop/Unix lab/lab 5". The window has a menu bar with "File", "Edit", "View", "Search", "Terminal", and "Help". On the left side, there is a vertical dock with icons for Firefox, Visual Studio Code, a terminal, a printer, a mail client, a document viewer, a file manager, and a calendar. The terminal content shows the following sequence of commands and output:

```
shreyash@shreyash-VirtualBox:~/Desktop/Unix lab/lab 5$ gedit vowel.sh
shreyash@shreyash-VirtualBox:~/Desktop/Unix lab/lab 5$ chmod +x vowel.sh
shreyash@shreyash-VirtualBox:~/Desktop/Unix lab/lab 5$ ./vowel.sh
Enter the character: a
It is a vowel
shreyash@shreyash-VirtualBox:~/Desktop/Unix lab/lab 5$
```