



Operating System

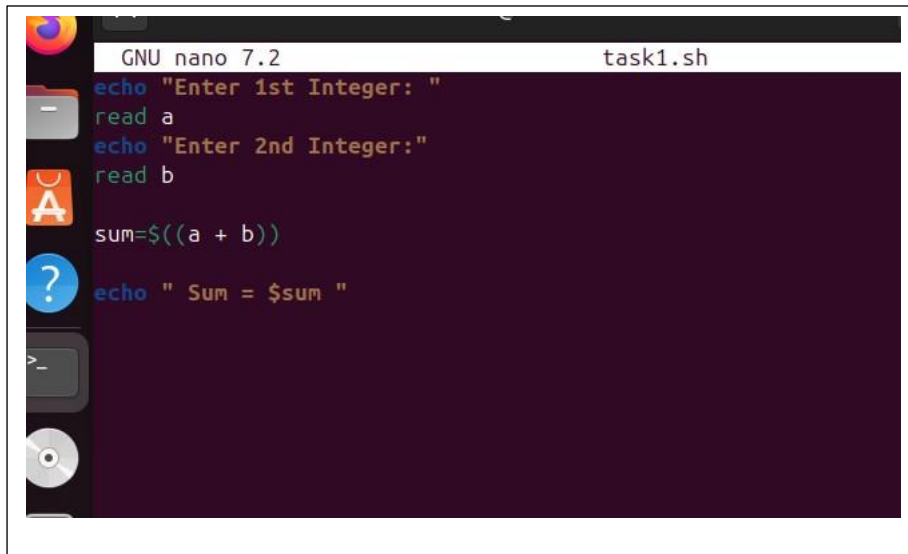
Lab 9

Submitted By:

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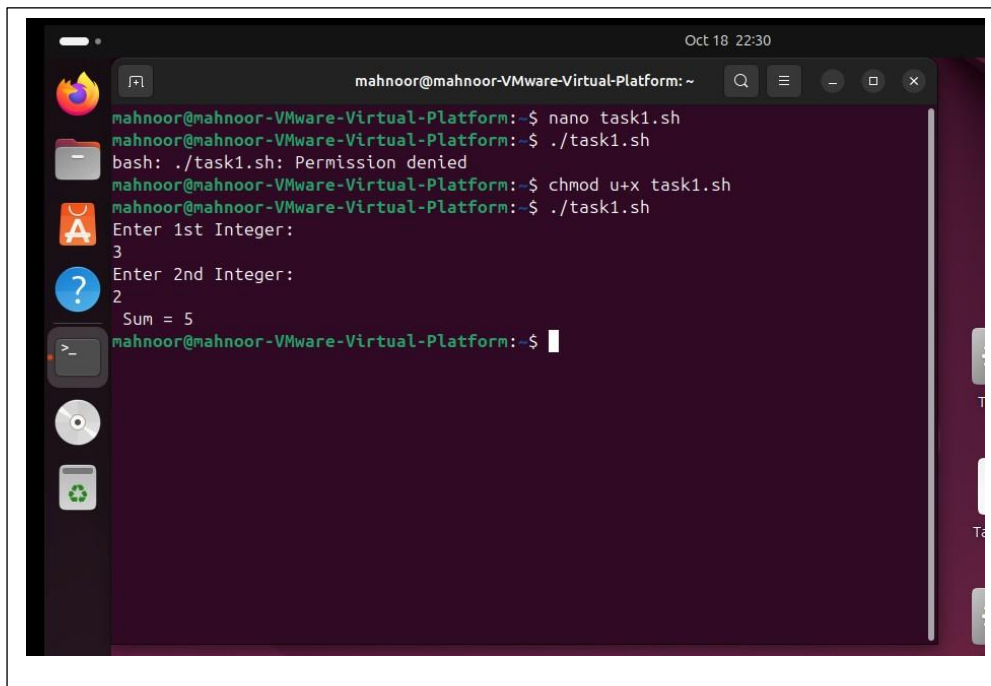
BSCS-5

Task 1:



A screenshot of a terminal window showing the nano text editor editing a file named task1.sh. The editor's title bar displays 'GNU nano 7.2' and 'task1.sh'. The script content is as follows:

```
echo "Enter 1st Integer: "  
read a  
echo "Enter 2nd Integer:"  
read b  
  
sum=$((a + b))  
  
echo " Sum = $sum "
```



A screenshot of a terminal window showing the execution of the task1.sh script. The terminal title bar indicates the date and time as 'Oct 18 22:30' and the user as 'mahnoor@mahnoor-VMware-Virtual-Platform: ~'. The session log is as follows:

```
mahnoor@mahnoor-VMware-Virtual-Platform:~$ nano task1.sh  
mahnoor@mahnoor-VMware-Virtual-Platform:~$ ./task1.sh  
bash: ./task1.sh: Permission denied  
mahnoor@mahnoor-VMware-Virtual-Platform:~$ chmod u+x task1.sh  
mahnoor@mahnoor-VMware-Virtual-Platform:~$ ./task1.sh  
Enter 1st Integer:  
3  
Enter 2nd Integer:  
2  
Sum = 5  
mahnoor@mahnoor-VMware-Virtual-Platform:~$
```

Task 2:

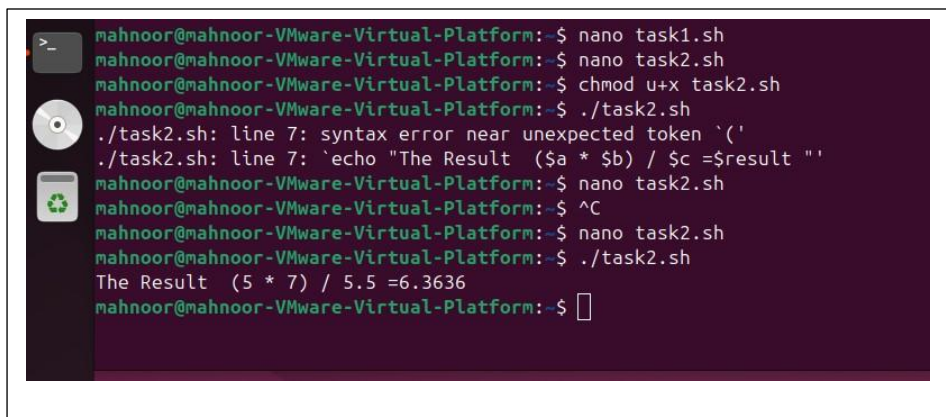


The screenshot shows a terminal window with the nano text editor open. The editor is editing a file named 'task2.sh'. The content of the file is as follows:

```
GNU nano 7.2 task2.sh
a=5
b=7
c=5.5

result=$(echo "scale=4; ($a * $b) / $c" | bc)

echo "The Result  ($a * $b) / $c =$result "
```



The screenshot shows a terminal window with the following commands and output:

```
mahnoor@mahnoor-VMware-Virtual-Platform:~$ nano task1.sh
mahnoor@mahnoor-VMware-Virtual-Platform:~$ nano task2.sh
mahnoor@mahnoor-VMware-Virtual-Platform:~$ chmod u+x task2.sh
mahnoor@mahnoor-VMware-Virtual-Platform:~$ ./task2.sh
./task2.sh: line 7: syntax error near unexpected token `('
./task2.sh: line 7: `echo "The Result  ($a * $b) / $c =$result "'
mahnoor@mahnoor-VMware-Virtual-Platform:~$ nano task2.sh
mahnoor@mahnoor-VMware-Virtual-Platform:~$ ^C
mahnoor@mahnoor-VMware-Virtual-Platform:~$ nano task2.sh
mahnoor@mahnoor-VMware-Virtual-Platform:~$ ./task2.sh
The Result  (5 * 7) / 5.5 =6.3636
mahnoor@mahnoor-VMware-Virtual-Platform:~$
```