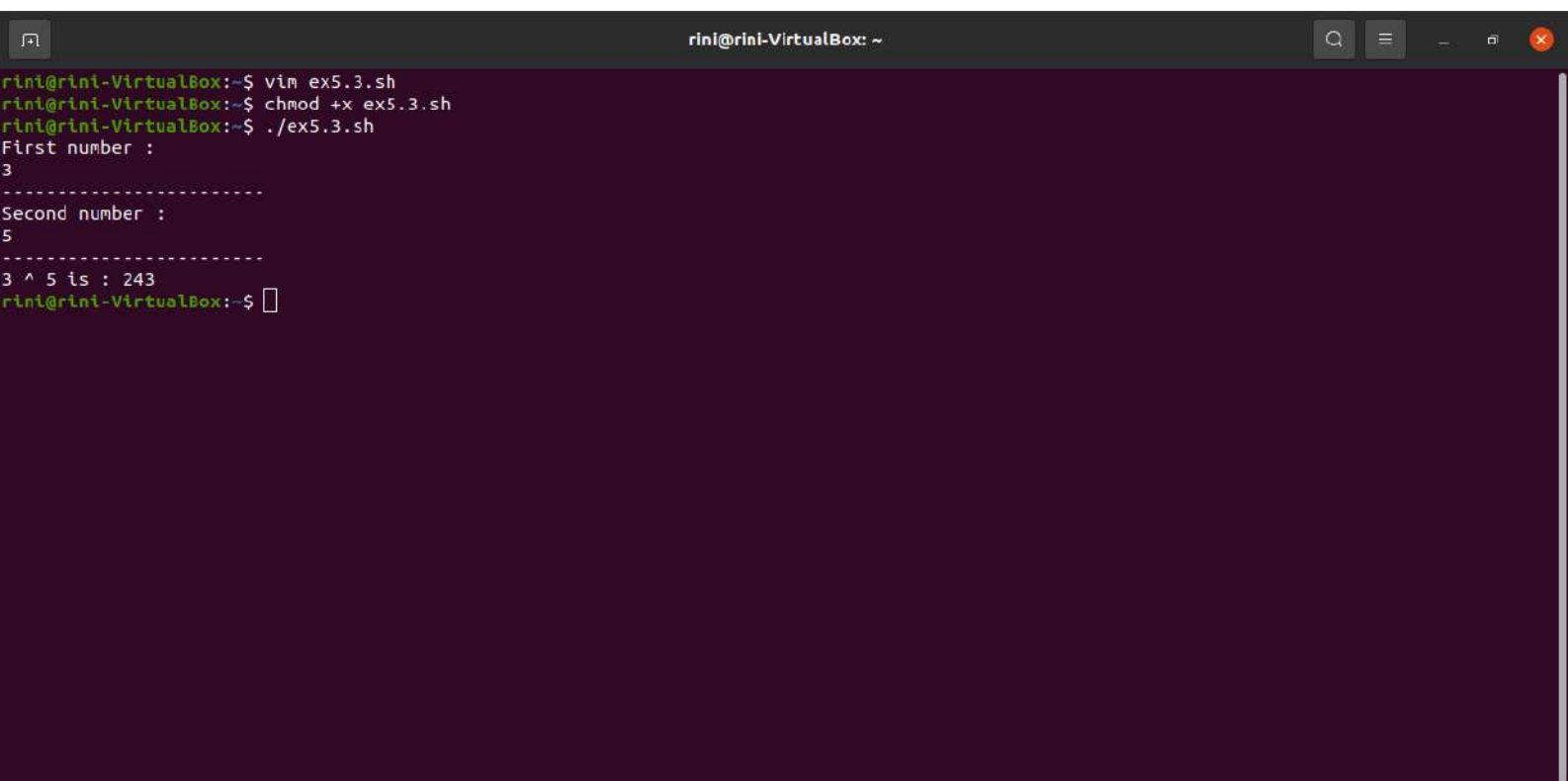
A terminal window titled "rini@rini-VirtualBox: ~" with a dark background and light green text. The window contains a series of commands and their outputs. The commands are: "vim ex5.1.sh", "chmod +x ex5.1.sh", and "./ex5.1.sh". The output of the third command is a multi-line message: "directory / file path : /home/rini/Pictures", "/home/rini/Pictures is a directory", and a prompt "rini@rini-VirtualBox:~\$".

```
rini@rini-VirtualBox:~$ vim ex5.1.sh
rini@rini-VirtualBox:~$ chmod +x ex5.1.sh
rini@rini-VirtualBox:~$ ./ex5.1.sh

directory / file path : /home/rini/Pictures
/home/rini/Pictures is a directory
rini@rini-VirtualBox:~$
```

```
rini@rini-VirtualBox: ~  
rini@rini-VirtualBox:~$ ./ex5.2.sh  
Basic salary :  
2000  
THE BASIC SALARY IS:4460  
rini@rini-VirtualBox:~$
```



A terminal window titled "rini@rini-VirtualBox: ~" with standard window controls. The terminal shows a user editing a file named "ex5.3.sh" with vim, making it executable with chmod, and then running it with ./ex5.3.sh. The script prompts for two numbers, 3 and 5, and outputs the result of 3 raised to the power of 5, which is 243.

```
rini@rini-VirtualBox:~$ vim ex5.3.sh
rini@rini-VirtualBox:~$ chmod +x ex5.3.sh
rini@rini-VirtualBox:~$ ./ex5.3.sh
First number :
3
-----
Second number :
5
-----
3 ^ 5 is : 243
rini@rini-VirtualBox:~$
```

```
rini@rini-VirtualBox: ~  
< cat > myFile;  
<  
< printf "\nprint data on myFile use tabs to seperate\n";  
< echo "-----"  
< cat myFile | column -t -s ' ';  
<  
< printf "\nSwap 2,3 fields of myFile\n";  
< echo "-----"  
< cut -d " " -f 1,3 myFile > cat && cut -d " " -f 2 myFile | paste cat -;  
<  
< printf "\nprint first 2 row only\n";  
< echo "-----"  
< head -n 2 myFile;  
<  
< printf "\nPrint last row\n";  
< echo "-----"  
< head -n 3 myFile | tail -n 1;  
<  
< printf "\nPrint only names\n";  
< echo "-----"  
< cut -d " " -f 2 myFile;  
<  
< printf "\nPrint word count, lines count , letter count \n";  
< echo "-----"  
< cut -d " " -f 2 myFile | wc;  
<  
---  
> #cat > efile;  
> #cat efile | column -t -s ' ';  
> cut -d " " -f 1,3 efile > cat && cut -d " " -f 2 efile | paste cat -;  
Different  
rini@rini-VirtualBox:~$
```

```
rini@rini-VirtualBox: ~  
rini@rini-VirtualBox:~$ ./cal.sh  
1)Add 2)Substract 3)Multiple 4) Divide 0)Exit  
opt :: 3  
First no :  
5  
Second no :  
3  
sum : 15  
-----  
1)Add 2)Substract 3)Multiple 4) Divide  
opt :: 1  
First no :  
5  
Second no :  
6  
sum : 11  
-----  
1)Add 2)Substract 3)Multiple 4) Divide  
opt :: 4  
First no :  
4  
Second no :  
4  
sum : 1  
-----  
1)Add 2)Substract 3)Multiple 4) Divide  
opt ::
```