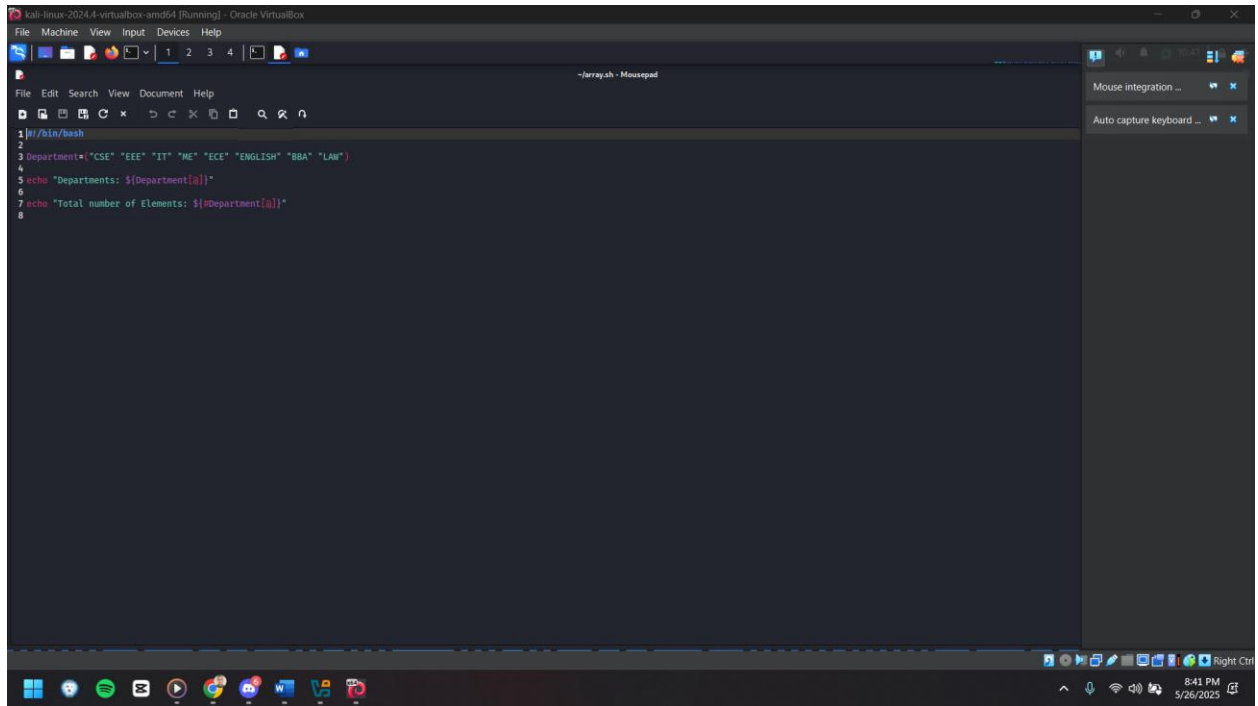
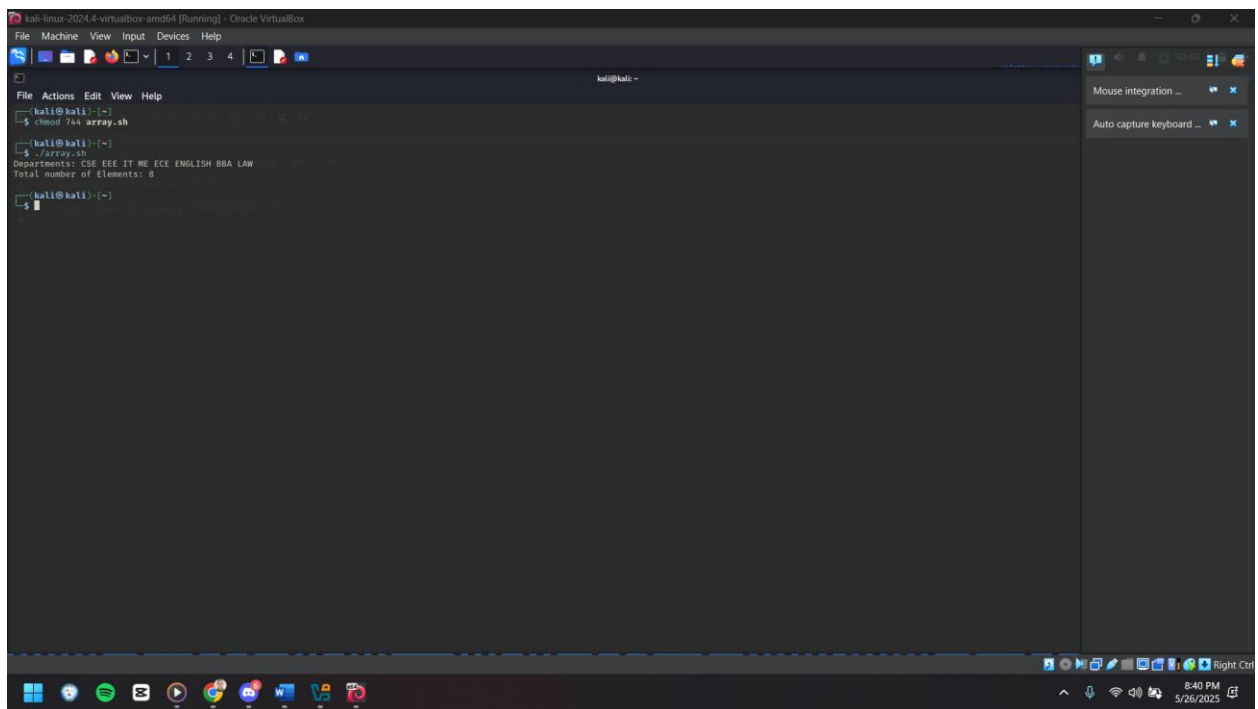


## OUTPUT 1

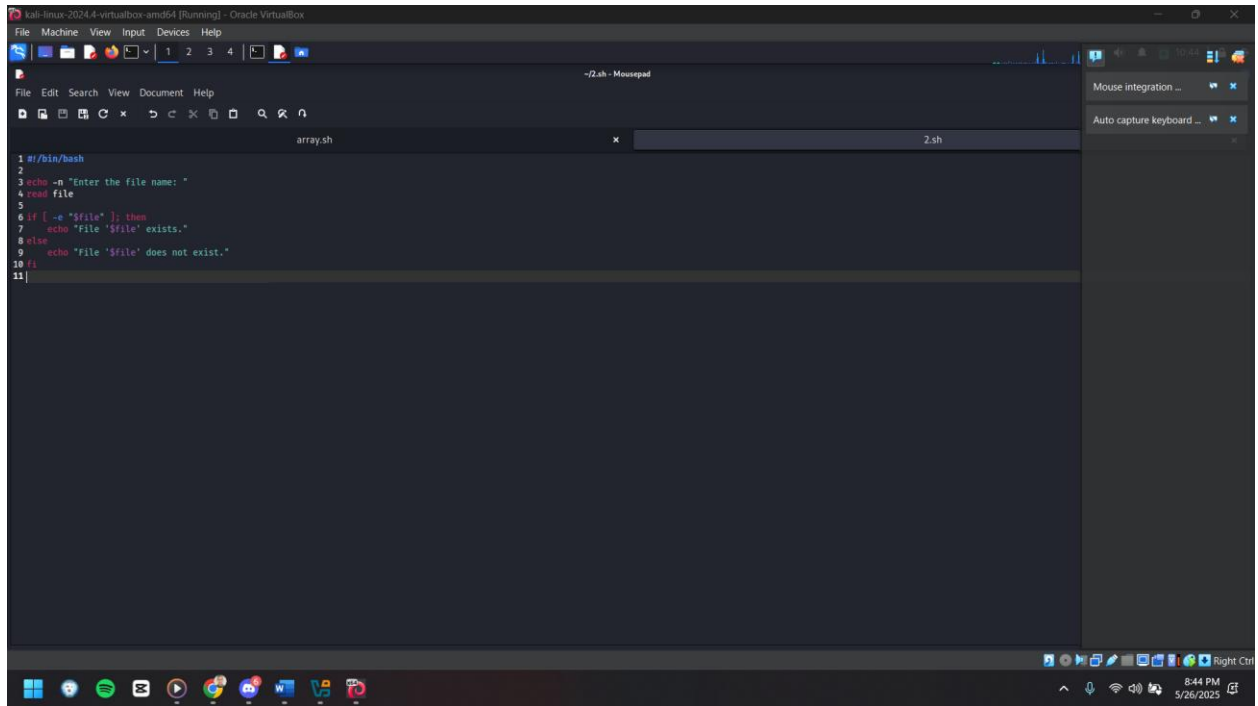


```
kali-linux-2024.4-virtualbox-amd64 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
1 2 3 4
-jerayah - Mousepad
File Edit Search View Document Help
1 |#!/bin/bash
2
3 Department=("CSE" "EEE" "IT" "ME" "ECE" "ENGLISH" "BBA" "Law")
4
5 echo "Departments: ${Department[@]}"
6
7 echo "Total number of Elements: ${#Department[@]}"
8
```



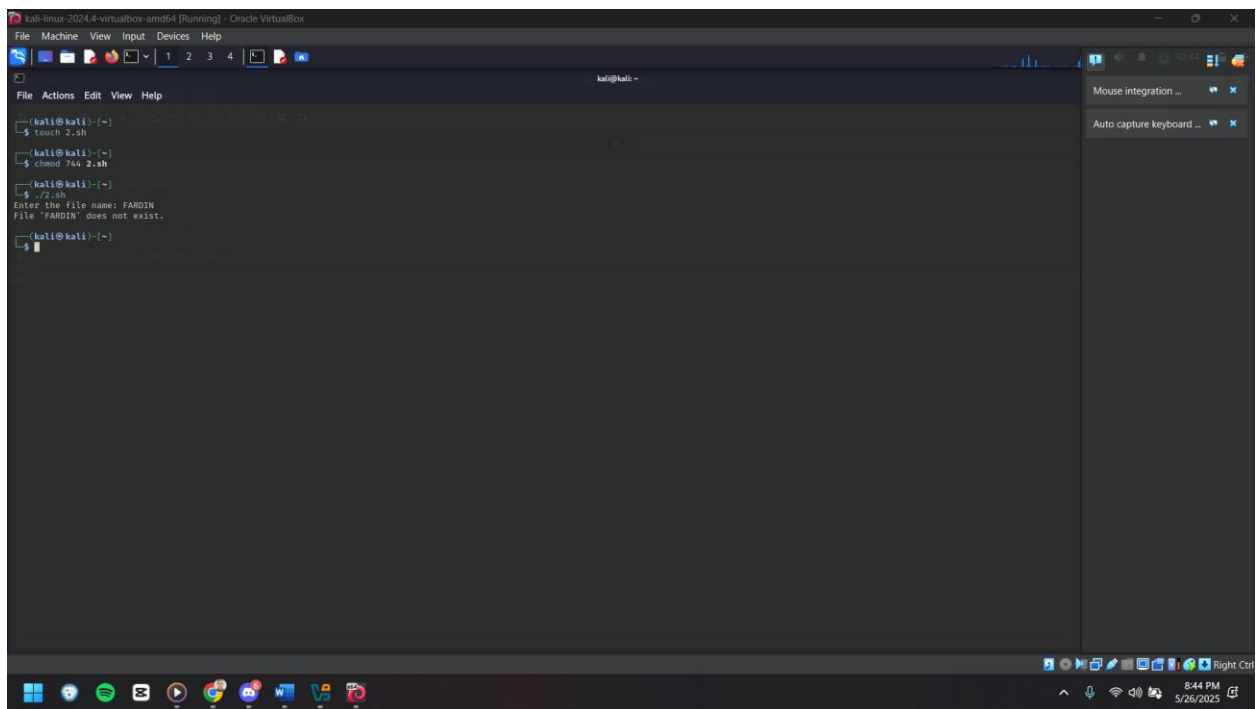
```
kali-linux-2024.4-virtualbox-amd64 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
1 2 3 4
kali@kali: ~
File Actions Edit View Help
kali@kali:~$ chmod 744 array.sh
kali@kali:~$ ./array.sh
Departments: CSE EEE IT ME ECE ENGLISH BBA LAW
Total number of Elements: 8
kali@kali:~$
```

## OUTPUT NO 2



```
kali-linux-2024.4-virtualbox-amd64 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
~/2.sh - Mousepad
array.sh
2.sh

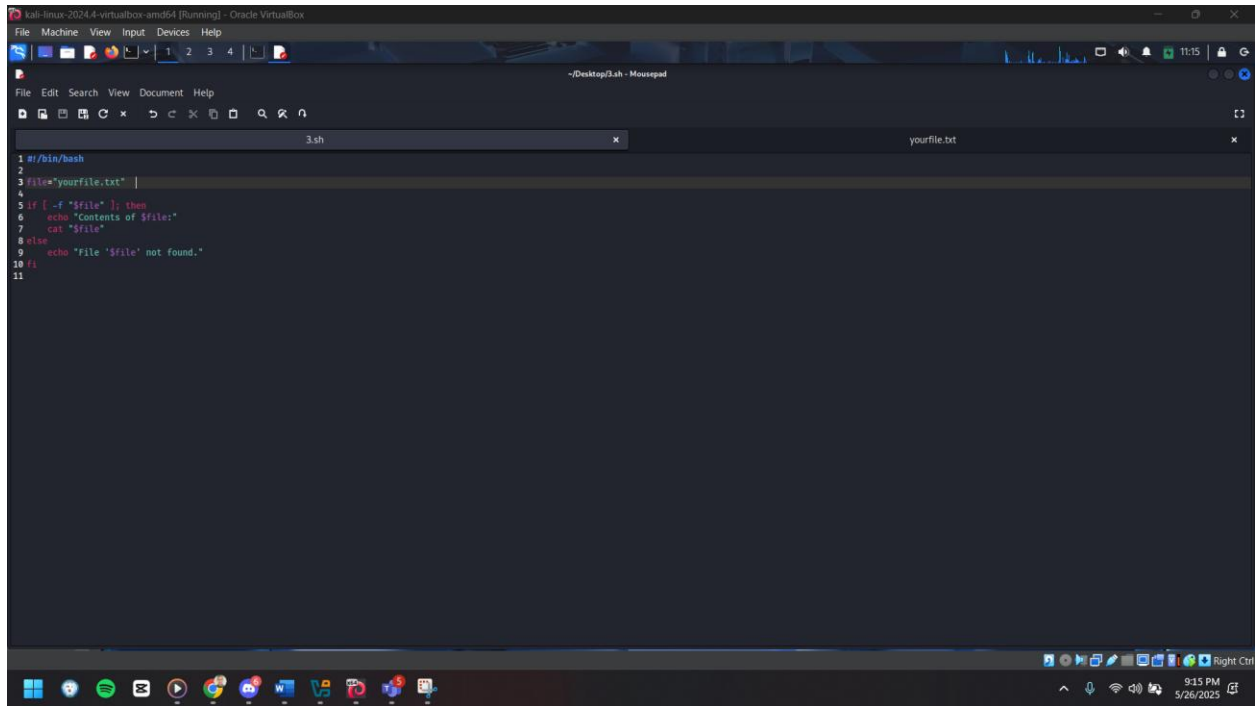
1 #!/bin/bash
2
3 echo -n "Enter the file name: "
4 read file
5
6 if [ -e "$file" ]; then
7     echo "File '$file' exists."
8 else
9     echo "File '$file' does not exist."
10 fi
11
```



```
kali@kali: ~
File Actions Edit View Help

kali@kali:~$ touch 2.sh
kali@kali:~$ chmod 744 2.sh
kali@kali:~$ ./2.sh
Enter the file name: FARDIN
File 'FARDIN' does not exist.
kali@kali:~$
```

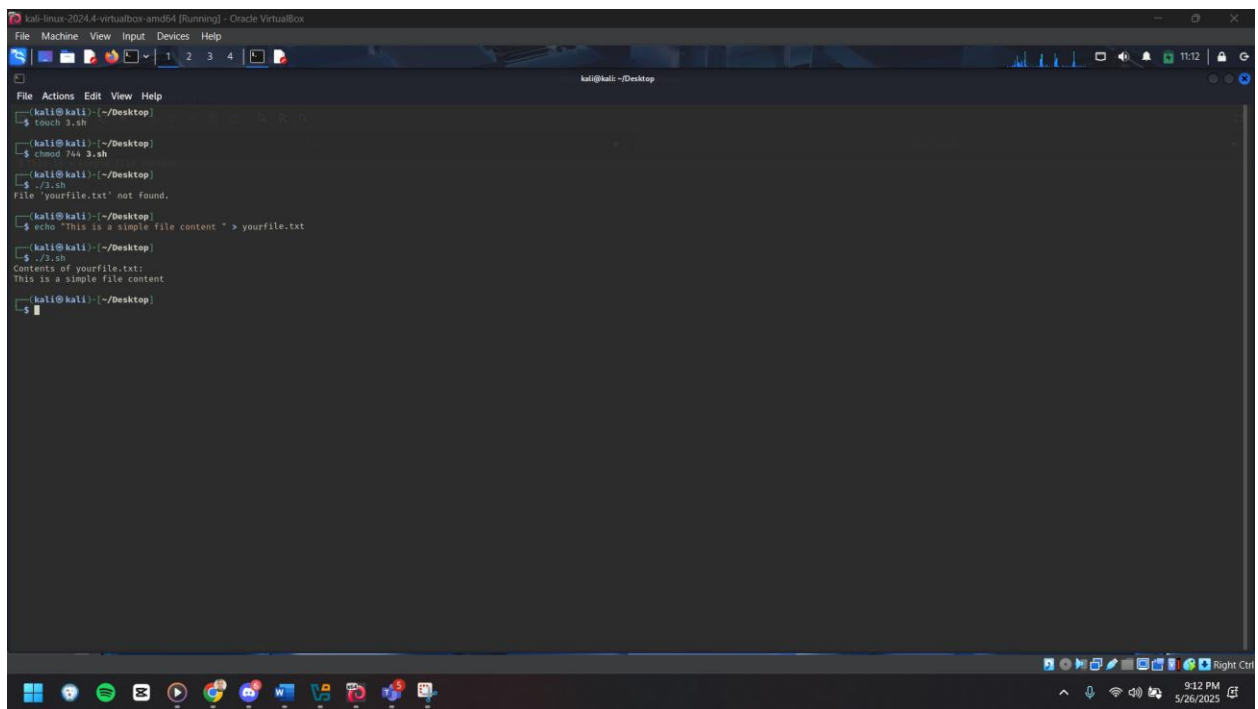
## OUTPUT NO 3



```
kali-linux-2024.4-virtualbox-amd64 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
~/Desktop/3.sh - Mousepad

File Edit Search View Document Help
3.sh yourfile.txt

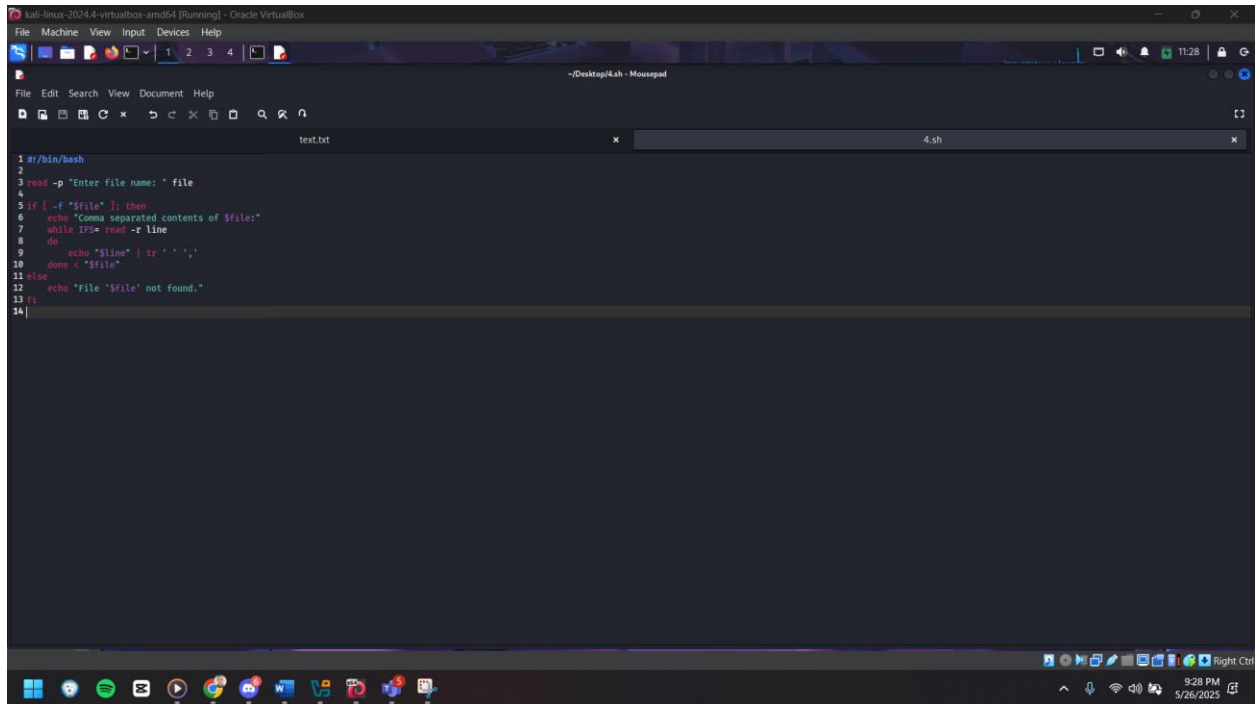
1 #!/bin/bash
2
3 file="yourfile.txt"
4
5 if [ -f "$file" ]; then
6     echo "Contents of $file:"
7     cat "$file"
8 else
9     echo "File '$file' not found."
10 fi
11
```



```
kali-linux-2024.4-virtualbox-amd64 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
kali@kali:~/Desktop

File Actions Edit View Help
kali@kali:~/Desktop
$ touch 3.sh
kali@kali:~/Desktop
$ chmod 744 3.sh
kali@kali:~/Desktop
$ ./3.sh
File 'yourfile.txt' not found.
kali@kali:~/Desktop
$ echo "This is a simple file content " > yourfile.txt
kali@kali:~/Desktop
$ ./3.sh
Contents of yourfile.txt:
This is a simple file content
kali@kali:~/Desktop
$
```

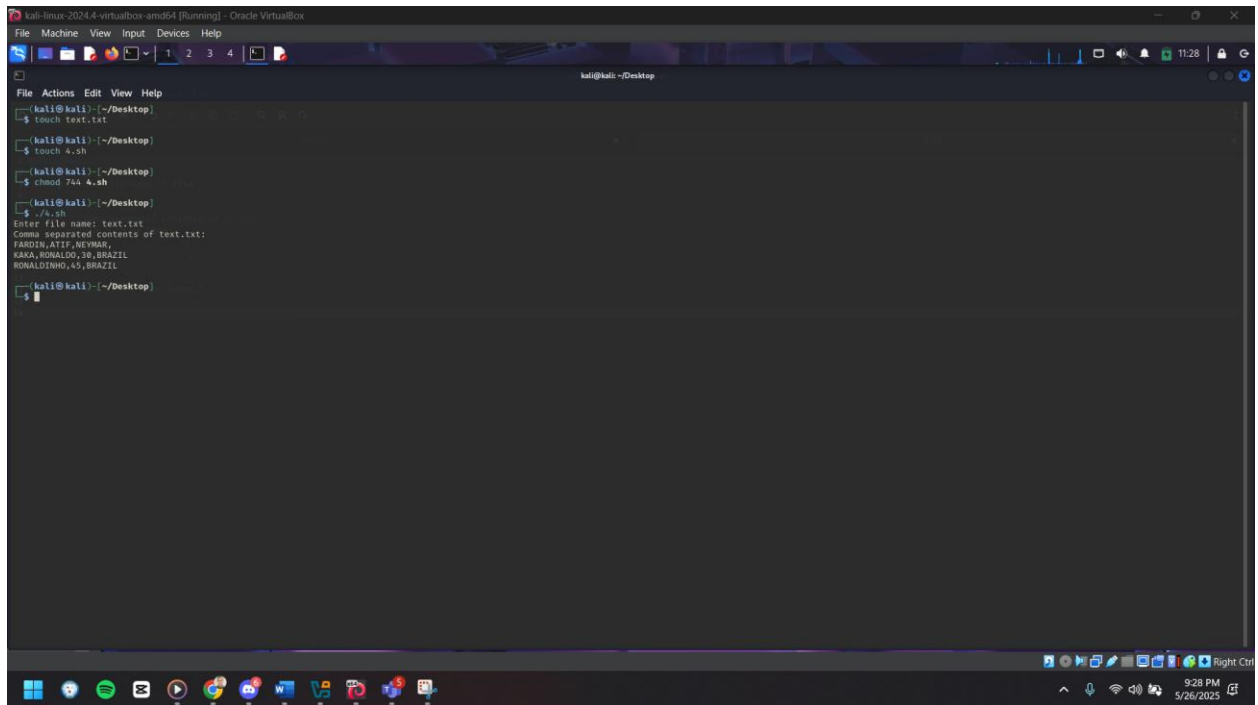
## OUTPUT NO 4



The screenshot shows a Kali Linux terminal window titled "kali-linux-2024.4-virtualbox-amd64 [Running] - Oracle VM VirtualBox". The terminal is running a script named "4.sh". The script's content is as follows:

```
1 #!/bin/bash
2
3 read -p "Enter file name: " file
4
5 if [ -f "$file" ]; then
6     echo "Comma separated contents of $file:"
7     while IFS= read -r line
8     do
9         echo "$line" | tr ' ' ','
10    done < "$file"
11 else
12     echo "File '$file' not found."
13 fi
14
```

The terminal shows the script has been executed, and the prompt is now at line 14. The window's taskbar at the bottom shows various application icons and the system clock indicating 9:28 PM on 5/26/2025.



The screenshot shows a Kali Linux terminal window titled "kali@kali: ~/Desktop". The user has performed the following actions:

- Created a file named "text.txt" using the command `touch text.txt`.
- Created a file named "4.sh" using the command `touch 4.sh`.
- Made the script executable using the command `chmod 744 4.sh`.
- Executed the script using the command `./4.sh`.

The output of the script execution is displayed as follows:

```
Enter file name: text.txt
Comma separated contents of text.txt:
FARIDIN,ATIF,NEWRAM,
KAKA,RONALDO,30,BRAZIL
RONALDINHO,45,BRAZIL
```

The terminal window's taskbar at the bottom shows various application icons and the system clock indicating 9:28 PM on 5/26/2025.