

**Assignment 4: Write a script that creates a directory named TestDir and inside it, creates ten files named File1.txt, File2.txt, ... File10.txt. Each file should contain its filename as its content (e.g., File1.txt contains "File1.txt").**

**Ans:**

**Step1:**

Use nano createfile10.sh

To create 10 file with same content as file name in the file

Script:

```
for i in {1..10}; do
```

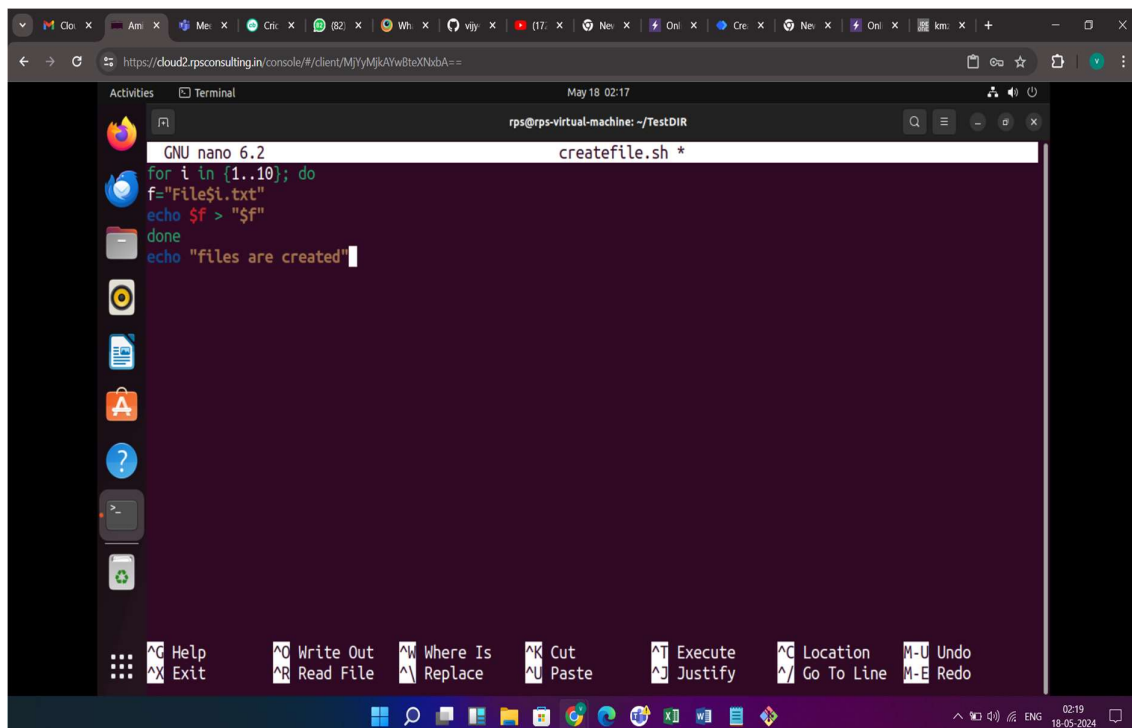
```
    f="File$i.txt"
```

```
    echo $f > "$f"
```

```
done
```

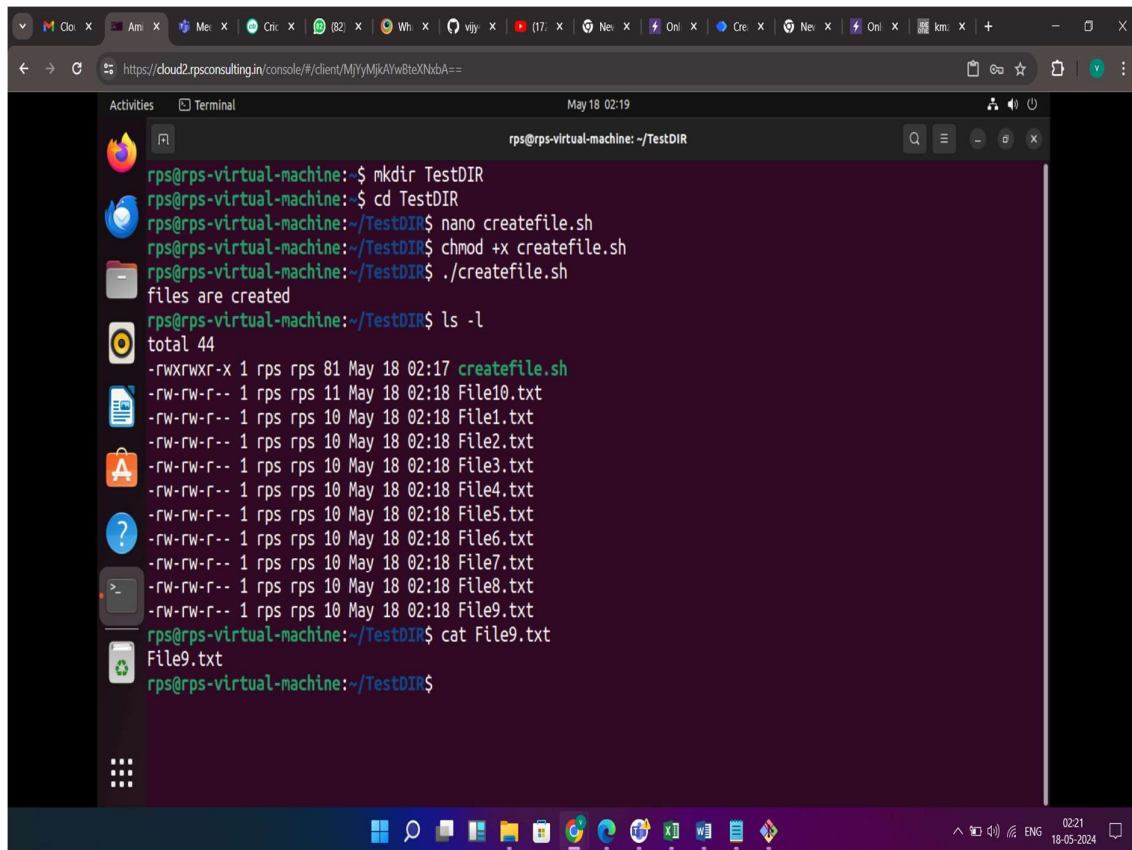
```
echo " files created."
```

Out put snapshot:

A screenshot of a terminal window titled "Terminal" with the path "rps@rps-virtual-machine: ~/TestDir". The terminal shows the execution of a script named "createfile.sh". The script's content is displayed in a light blue box: 

```
GNU nano 6.2 createfile.sh *
for i in {1..10}; do
f="File$i.txt"
echo $f > "$f"
done
echo "files are created"
```

 The terminal output shows the script running successfully. The bottom of the screen shows a Windows taskbar with various application icons and the system clock indicating 02:19 on 18-05-2024.



The image shows a terminal window within a web browser. The browser's address bar displays a URL from cloud2rpsconsulting.in. The terminal window has a title bar that reads "rps@rps-virtual-machine: ~/TestDIR". The terminal output shows a series of commands and their results:

```
rps@rps-virtual-machine:~$ mkdir TestDIR
rps@rps-virtual-machine:~$ cd TestDIR
rps@rps-virtual-machine:~/TestDIR$ nano createfile.sh
rps@rps-virtual-machine:~/TestDIR$ chmod +x createfile.sh
rps@rps-virtual-machine:~/TestDIR$ ./createfile.sh
files are created
rps@rps-virtual-machine:~/TestDIR$ ls -l
total 44
-rwxrwxr-x 1 rps rps 81 May 18 02:17 createfile.sh
-rw-rw-r-- 1 rps rps 11 May 18 02:18 File10.txt
-rw-rw-r-- 1 rps rps 10 May 18 02:18 File1.txt
-rw-rw-r-- 1 rps rps 10 May 18 02:18 File2.txt
-rw-rw-r-- 1 rps rps 10 May 18 02:18 File3.txt
-rw-rw-r-- 1 rps rps 10 May 18 02:18 File4.txt
-rw-rw-r-- 1 rps rps 10 May 18 02:18 File5.txt
-rw-rw-r-- 1 rps rps 10 May 18 02:18 File6.txt
-rw-rw-r-- 1 rps rps 10 May 18 02:18 File7.txt
-rw-rw-r-- 1 rps rps 10 May 18 02:18 File8.txt
-rw-rw-r-- 1 rps rps 10 May 18 02:18 File9.txt
rps@rps-virtual-machine:~/TestDIR$ cat File9.txt
File9.txt
rps@rps-virtual-machine:~/TestDIR$
```

The terminal window is part of a desktop environment with a taskbar at the bottom showing various application icons and system status information (02:21, 18-05-2024).