

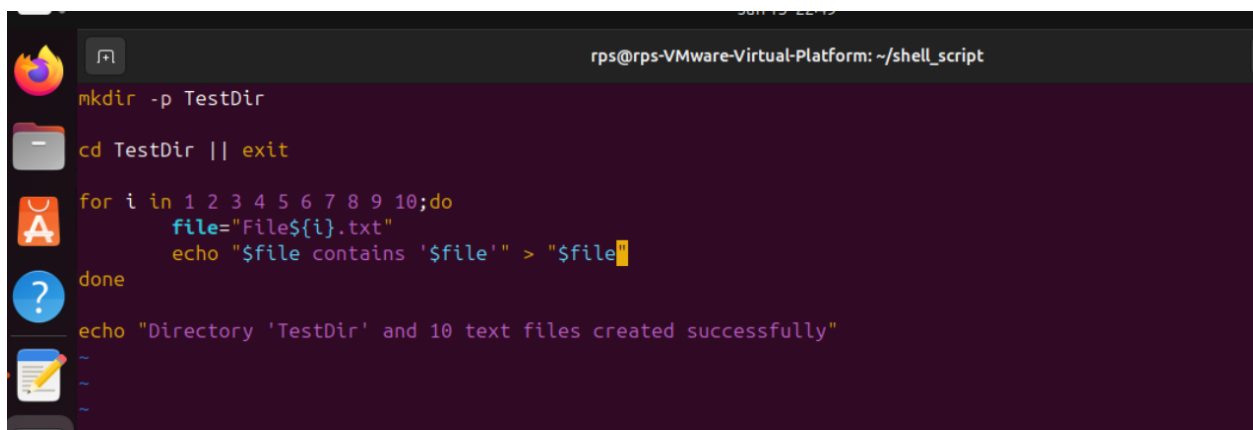
## Assignment-4

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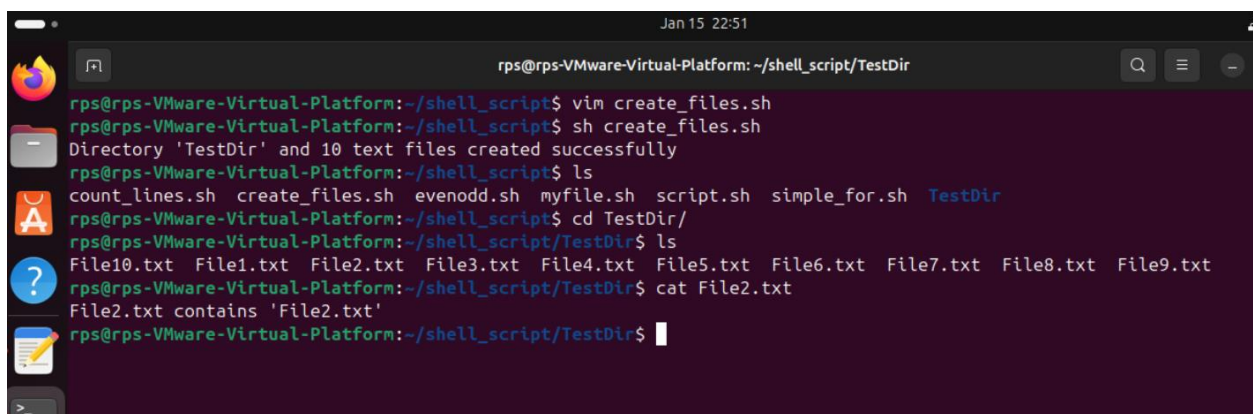
**Assignment 4:** Write a script that creates a directory named TestDir and inside it, creates ten files named File1.txt, File2.txt, ... File10.txt. Each file should contain its filename as its content (e.g., File1.txt contains "File1.txt").

Shell script code with the name of create\_files.sh:



```
rps@rps-VMware-Virtual-Platform: ~/shell_script
mkdir -p TestDir
cd TestDir || exit
for i in 1 2 3 4 5 6 7 8 9 10;do
    file="File${i}.txt"
    echo "$file contains '$file'" > "$file"
done
echo "Directory 'TestDir' and 10 text files created successfully"
```

Commands to run create\_files.sh and checking its function:



```
Jan 15 22:51
rps@rps-VMware-Virtual-Platform: ~/shell_script/TestDir
rps@rps-VMware-Virtual-Platform:~/shell_script$ vim create_files.sh
rps@rps-VMware-Virtual-Platform:~/shell_script$ sh create_files.sh
Directory 'TestDir' and 10 text files created successfully
rps@rps-VMware-Virtual-Platform:~/shell_script$ ls
count_lines.sh  create_files.sh  evenodd.sh  myfile.sh  script.sh  simple_for.sh  TestDir
rps@rps-VMware-Virtual-Platform:~/shell_script$ cd TestDir/
rps@rps-VMware-Virtual-Platform:~/shell_script/TestDir$ ls
File10.txt  File1.txt  File2.txt  File3.txt  File4.txt  File5.txt  File6.txt  File7.txt  File8.txt  File9.txt
rps@rps-VMware-Virtual-Platform:~/shell_script/TestDir$ cat File2.txt
File2.txt contains 'File2.txt'
rps@rps-VMware-Virtual-Platform:~/shell_script/TestDir$
```